

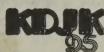
Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

W.T.F.D.A. Headquarters, P.O. Box 514, Buffalo, NY 14205

JANUARY

1987

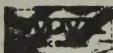


Coverage area has been computed based on transmitter antenna height over the coverage area.



SERVICE CONTOURS

godwin broadcasting, inc. 570 ambling way, colton, calif. 95301



Coverage Area



Population: 521,123* Retail Sales: Over \$1.7 Billion**
Power: 50,000-watts stereo

*From "Population Statistics and Distribution" U.S. Department of Commerce, Bureau of the Census, 1980.
**Based on a survey by July 1980 Sales Reporting and Warehousing.

92 WRQC



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WRQC 92.3 FM
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RAY BRIEM SHOW/
ABC TALKRADIO
3RD ANNUAL "DX SPECIAL"
SATURDAY,
JANUARY 10, 1987--
0800 UTC

HERE'S YOUR CHANCE TO PLUG YOUR FAVORITE CLUB AND AIR YOUR FAVORITE DX-RELATED TOPIC ON NATIONAL RADIO! OUR IN-STUDIO GUESTS WILL BE PAUL SWEARINGEN, "MONITORING TIMES" COLUMNIST AND "MUSINGS" EDITOR FOR THE NATIONAL RADIO CLUB--AND STEWART MACKENZIE, PRESIDENT OF THE AMERICAN SHORTWAVE LISTENERS' CLUB--JOINING US BY PHONE ARE BOB GROVE, PUBLISHER OF "MONITORING TIMES", AND DR. BRUCE ELVING, PUBLISHER OF THE "FM ATLAS". LATER IN THE MORNING, WE'LL ALSO SPEAK WITH TOM KNEITEL, EDITOR OF "POPULAR COMMUNICATIONS", AND GEORGE JACOBS, WORLDWIDE RADIO ENGINEERING SPECIALIST--AMONG OTHER NOTABLE PERSONALITIES FROM THE DX WORLD. WE WOULD ALSO LIKE TO HEAR FROM YOU-- IF YOU'RE OUTSIDE THE LOS ANGELES AREA, JUST DIAL 1-(213)-879-8255 DURING THE SHOW. WHEN YOU DIAL IN, JUST LET THE PHONE KEEP RINGING-- WE'LL SAVE YOU A FEW BUCKS, AND ANSWER JUST BEFORE YOUR TURN TO GO ON THE AIR! THIS PROGRAM WILL BE HEARD NATIONALLY--SOME KEY STATIONS INCLUDE WABC/770; WPRO/630; WTKN/970; WERC/960; WJBO/1150; WKIS/740; KPRC/950; KRNN/930; KTAR/620; KABC/790; KFBK/1530; KXL/750 & KGU/760. PROGRAM TIMES MAY VARY A BIT, SO BE SURE TO CHECK YOUR LOCAL SCHEDULE. ANY INFORMATION, INQUIRIES, IDEAS, ETC. ARE WELCOME--JUST SEND THEM

TO: GREG HARDISON
KABC RADIO
P.O. BOX 79
LOS ANGELES, CALIF. 90016

NWS

January 1987
Volume 1
Issue 1
Deadline: whenever you
got it, send it.

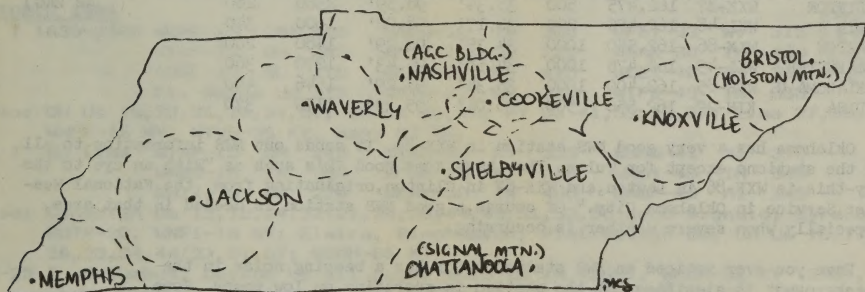
Matt Sittel
220 Brookfield
Kingsport, TN
37663-9777

Hello. I'm Matt Sittel...the one with the long reports? Oh, yeah. Now you know. Well, this is a trial column on NOAA Weatheradio. It is the voice of the National Weather Service (NWS) and broadcasts at 162.40 to 162.55 MHz. Special radios or radios with this band built in can receive broadcasts from the NWS, which can be broadcast to 40 miles or more. In this column, we'll spotlight a state and their NWS stations, review weatheradio receivers, and hopefully get some DX in! So, be on the lookout and listen for tropo or maybe E-skip (like June 11 '86). If you catch anything, or have information on your local stations, or comments, criticisms, etc. Send them to me.

Now then, let's get started. This month I am spotlighting my home state, Tennessee. The information includes city, calls, frequency, power output, latitude and longitude of xmtr sites (how about that), the xmtr's elevation (as msl) and height above ground.

city	calls	freq.	power (watts)	lati.	long.	msl	ft. agl
BRISTOL	WXX-47	162.550	500	36.26'	82.06'	4425	122
CHATTANOOGA	WXX-48	162.550	1000	35.09'	85.19'	2180	100
COOKEVILLE	WXX-61	162.400	200	36.10'	85.13'	2064	64
JACKSON	WXX-60	162.550	1000	35.34'	88.48'	605	245
KNOXVILLE	WXX-46	162.475	1000	36.00'	83.56'	1505	150
MEMPHIS	WXX-49	162.475	1000	35.10'	89.49'	575	300
NASHVILLE	KIG-79	162.550	1000	36.09'	86.47'	988	452
SHELBYVILLE	WXX-63	162.475	200	35.42'	86.11'	1438	69
WAVERLY	WXX-62	162.400	1000	36.06'	87.40'	951	113

Nashville's KIG-79 sends out signals to Waverly, Cookeville, and Shelbyville. Everything run on them is the same as Nashville's, except for the forecast. Whereas Nashville's forecast starts "The forecast for the Nashville Metropolitan Area and North Central Tennessee including (for example) Mount Juliet." The forecasts are changed in Nashville for each area, like "The forecast for Cookeville, Crossville, Beech Grove, Tullahoma, Sparta and vicinity." KIG-79 is broadcast from atop the American General Center in downtown Nashville, thus giving them the 452' agl distance. They have an average signal, which is surprising for their height. Bristol's NWS goes a much farther distance. Below is a map of Tennessee and its NWS stations and their approximated coverage areas.



Chattanooga's signal packs a huge punch. When you reach the Cumberland plateau, at about mile 340 on Interstate 40 near Rockwood, it has a very strong signal (not to mention the FM and TV-stereo on the FM's and ch3, 9, 12 on TV (the 5" B/W set-imagine a good set-up!)) On other state areas, I receive Asheville, NC daily. On I-40 at mile 340 you can get Chatsworth, GA, in Jackson, TN you can receive a weak signal from Poplar Bluff, MO's NWS station-at 110 miles. We'll take a look at some long-distance everyday signals on some of those NWS's...some can go over 100 miles! If you have some big distances you know of-let me know. Also, I have tape recordings of every NWS in Tennessee. If you want a copy, get in touch.

NWS



Matt Sittel
220 Brookfield Drive
Kingsport, TN 37663-9777
(615)239-9186
Deadline: the 1st

JANUARY 1987

JANUARY 1987

Welcome to the 2nd edition of NWS News. This time I thought I'd show you how a sample logging would look:

- 1) 11/11 Es 162 MHz+ (meaning no calls said)
- 2) 2100 WXX-27 400 TX Austin, non-ID 990
- 3) (forecast, hourly temps, radar, climate data)

Most is self-explanatory. It closely resembles an FM-DX entry. The only change comes in line 3. This is a listing of the programming that was on in the order they came on the sequence. Usually it should be listed as the ID as the first thing, then what came on after it. But, in the case of a non-ID'er, as many unfortunately are, then just list them in order that you heard them. If you don't hear a complete rotation, then you could just say what you heard. Also, anything else of interest you heard is worth noting, such as what they say before the forecast. Like-"The forecast for the Tri-City Tennessee Metropolitan Area", "The NWS forecast for Western North Carolina", "The forecast for the KHB-36 listening area", or just "the forecast for tonight", is of interest. Also, if an ID is not distinctly given (that is, the calls are not said), don't worry, I'll fill them in. Now that you know how to write them, send them, so we can have some DX in this column.

THE
Q

Another thing I am adding to this column starting here (this month), is called "The Q". It's a question about NWS weatheradio, to be answered by you. It's a poll, to find out about the whole network of NWS stations. Just write in (or stick it in with your report) the answer. Now, the Q:

"DOES YOUR LOCAL NWS STATION HAVE THE FORECAST BEFORE OR AFTER THE HOURLY WEATHER CONDITIONS? (meaning where local conditions are given, and regional ones as well)"

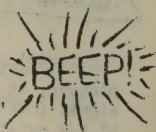
Now, I know this question is kind of trivial, but it is interesting to note, because some can get tangled in with the other. They try to blend the 2 together. This Q is just to get us started, there will be some good Q's coming soon-so stay tuned! Watch for the results in the next NWS column.

Now, it's time for the spotlight state of the month. Since I already used my home state, I resorted to shutting my eyes and pointing to a state on the US map. Really scientific, huh? Anyway, this month's spotlight state is: Oklahoma.

CITY	CALLS	FREQ.	POWER	LATITUDE	LONGITUDE	FT. MSL	HEIGHT ABOVE GROUND (hereafter known as HAG)
CLINTON	WXX-87	162.475	500	35.34'	98.59'	2360	280
ENID	WXL-48	162.475	200	36.17'	98.02'	1600	340
LAWTON	WXX-86	162.550	1000	34.35'	98.29'	1480	280
McALESTER	WXL-49	162.475	1000	34.58'	95.43'	1270	360
OKLAHOMA C.	WXX-85	162.400	1000	35.34'	97.29'	1546	400
TULSA	KIH-27	162.550	500	36.01'	95.39'	1170	370

Oklahoma has a very good NWS station in WXX-85. It sends out NWS information to all of the stations except for Tulsa. They have some good ID's such as "With an eye to the sky-this is WXX-86 in Lawton, and WXX-87 in Clinton, originating from the National Weather Service in Oklahoma City." Of course, a good NWS station is needed in that area, especially when severe weather is occurring.

Have you ever noticed an NWS station which has a beeping noise in the background? It signifies that the station is operating on low power. Some stations have it when a transmitter has been knocked out, and some have it all the time, such as Sumter, SC which relays Charleston, SC. This does not mean that a 100-watt always has this (which isn't true), neither do networks such as in Oklahoma. It means that they are translators or are operating on low power, lower than is usually broadcast. That subtle "beep" can get to you after awhile, if you listen for the every 5-second beep. It can also be used as a substitute for caffeine, if you enjoy beeps.



NEXT TIME: The A to Z #1, #2, and a look into what some weather advisories really mean.

73's, Matt

EASTERN TV-DX

EDITOR: John F. Combs
2969 Herschel #7
Jacksonville FL 32205
(But see important
notice at end of
column!)

JANUARY 1987

60 Day Lay-A-Way - We Ship Anywhere

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IN THIS MONTH'S COLUMN:



- NORTHERN DXERS THANKFUL FOR MASSIVE THANKSGIVING TROPO OPENING
- BOB SEYBOLD TOPS THE 1000 MARK
- ROD LUOMA RETURNS

It was one of those openings that will be fondly recalled for years. As this column was being typed, word began reaching me of an incredible Thanksgiving week tropo session that brought Northern DXers strong signals of 500-1250 miles from as far as OK, TX, and MD. Several DXers said the opening was like having E-skip on UHF, so intense and numerous were the signals. Dave Nieman reports seeing TX and ME at the same time. Harry Hayes logged 710 mile UHF on a 6' dish in his attic. Due to the incredible nature of this opening, I have included a couple of reports of it that arrived after deadline, and have had to delete a couple of quite dated reports (I apologize if your report was axed). I even dutifully transcribed Glenn Jacobs' report over the telephone! I'm sure there will be many more reports of this super opening in February's column. Hey guys, how about sending those of us in the South a Care package of that tropo?

Bob Seybold, Bennett Rd., Dunkirk NY

(EST)

"In general it has been a terrible fall season for tropo up here (Down here, too--jfc) but Nov. 6 made up for a lot plus a few others, so it wasn't a completely dead season. Although Nov. 6 only brought a few super-distant loggings, it was great for actual number of stations seen. Counting regulars and DX a total of 244 stations was seen: 193 UHF (including xlters) and 51 VHF-- and I did very little observing on VHF. 6 stations seen on chs. 18 and 26; 5 each on 16,19,21,22,23,28,32,38,40,44,66. No vacant channels from 2-69. I am now at 1002 stations." (CONGRATULATIONS on topping 1000 stations, Bob!! Those of you who are fairly new to the hobby may not realize that Bob Seybold is one of the pioneers of TV-DXing. Bob's DXing career dates back almost to the start of commercial television itself, and he has been one of the most faithful exponents of TV/FM-DX over the decades. I'm sure I speak for all WTFDA members when I say that we salute you, and thank you for your immeasurable contributions to the hobby!--jfc)

OCTOBER 1986

- | | | | |
|----------------|------------------|----------------|----------------|
| 21 T 1630-2400 | WKPC-15 (IN) 445 | WNDU-16 IN 360 | WPBY-33 WV 315 |
| | WTAP-15 OH 245 | WHIZ-18 OH 225 | WBAK-38 IN 480 |
| | WOWL-15 AL 710 | WLEX-18 KY 410 | WCET-48 OH 360 |
| | Ft. Wayne Us 315 | WVAH-23 WV 310 | WIPB-49 IN 355 |
- Also: OH Us 16,22,26,28,34,51; IN Us 40,43; KY Us 41,53,53,57; Lima 27,35,44;
WNPE-16 NY, WTVQ-36 KY, many MI Us.
- | | | | |
|--------------|----------------|----------------|----------------|
| 22 T No time | WTAP-15 OH 245 | WTWS-26 CT 355 | WUHQ-41 MI 315 |
| | WNDU-16 IN 360 | WFUM-28 MI 210 | WKOI-43 IN 345 |
| | WHIZ-18 OH 225 | WBAK-38 IN 480 | WAQP-49 MI 245 |
- Also: Canadian Us 15,18,24,32(2),34,38,44,49,51,53,55 good signals; Syracuse Us;
WUTR-20, WNPI-16 NY; Elmira, Binghamton, Plattsburgh Us; OH Us 16,17,22,
26,28,34,44(2),51,67; WSMH-66 MI.
- | | |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 23-25 T | Columbus, Dayton Us all days; WNDU-16 IN (360), WKON-52 KY (395),
WCVN-54 KY (360); Lima Us, WOUC-44, WHIZ-18, WTAP-15 OH. "All signals
weak but there most of the time--no peaks." |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
- | | | | |
|--------------|------------------|-----------------|----------------|
| 26 T No time | WANE-15 IN 315 | WJTC-26 OH 295 | WHMB-40 IN 400 |
| | WNDU-16 IN 360 | WBGU-27 OH 255 | WUHQ-41 MI 315 |
| | Dayton 16/22 320 | WTTE-28 OH 245 | WCET-48 OH 360 |
| | WKAR-23 MI 260 | Flint 28/66 210 | WAQP-49 MI 245 |
| | WEYI-25 MI 245 | WGSU-34 OH 245 | WGSF-51 OH 240 |
- 31 T 0600-1100 "UHF's to east excellent:" Scranton, Binghamton, Watertown, Utica,
Albany, Elmira; NJ/NY 41,47,55,65,67,68



BOB'S REPORT CONTINUES ON THE NEXT PAGE --> --> --> --> --> --> --> --> -->

Seybold (continued)

NOVEMBER 1986

6 T "Starting at 1200 until 2400 and into early AM of 7th, but dying later and gone at 0600 when I woke up and looked. This was a super opening, with 244 stns seen. All directions open. Some UHF channels 5 and 6 stns deep."

WFIE-14 (KY) 535	WKEF-22 OH 320	WPBY-33 WV 315	WBBF-45 MD 260
WCMU-14 MI 285	WKAR-23 MI 260	WDSU-34 OH 245	WHME-46 IN 360
WLYH-15 PA 215	WVAH-23 WV 310	WNIT-34 IN 360	WMSH-47
WTPA-15 OH 245	WXAA-23 NY 270	WGVC-35 MI 315	WSYM-47 MI 270
WMTV-15 WI 515	WIFR-23 IL 500	WLIO-35 OH 280	WCET-48 OH 360
WANE-15 IN 315	WJKL-24 MD 260	WMVT-36 WI 435	WGB-49 PA 230
WNDU-16 IN 360	WEYI-25 MI 245	WCFC-38 IL 430	WIPB-49 IN 355
WNEP-16 PA 200	WJTC-26 OH 295	WPNE-38 WI 455	WFTY-50 DC 270
WNPI-16 NY 205	WCIU-26 IL 430	WBAK-38 IN 480	WTVE-51 PA 230
WPTD-16 OH 320	WGBA-26 WI 455	WOLF-38 PA 200	WGSF-51 OH 240
WPHL-17 PA 270	WETA-26 DC 270	WQRF-39 IL 500	WNGK-51 KY
WXMI-17 MI 315	WTWS-26 CT 355	WLVT-39 PA 240	WGVK-52 MI 325
WHIZ-18 OH 225	WKOW-27 WI 515	W39AA IN 315	WKON-52 KY 395
WVTV-18 WI 435	WBGU-27 OH 255	KDUB-40 (WI) 575	WNJT-52 NJ 285
WLFI-18 IN 405	WBRE-28 PA 200	WHMB-40 IN 400	WKGB-53 KY 540
WLEX-18 KY 410	WFUM-28 MI 210	WUHQ-41 MI 315	WMKT-54 MI 335
WUCM-19 MI 245	WTE-28 OH 245	KXLI-41 MN 740	WCVN-54 KY 360
WXIX-19 (OH) 360	WSJV-28 IN 360	WDRB-41 (IN) 445	WFFT-55 IN 315
WUTR-20 NY 215	WTAF-29 PA 270	WPBO-42 OH 325	WWLF-56 PA 205
WHRM-20 WI 545	WVCY-30 WI 435	WKOT-43 IN 345	WYMT-57 KY 420
WDCA-20 DC 270	WFLD-32 IL 430	WPMT-43 PA 220	WGBS-57 PA 270
WPTA-21 IN 315	KRIN-32 IA 640	WVTA-44 PA 200	WNJB-58 NJ 280
WHA-21 WI 520	WGXZ-32 WI 455	WSNS-44 IL 430	WXIN-59 IN 400
WSBT-22 IN 360	WLKY-32 (IN) 445	WTLW-44 OH 280	WPWR-60 IL 430
WDAU-22 PA 200	WKJG-33 IN 315	WRGT-45 OH 320	WTIC-61 CT 335
WTZA-62 NY 270	WMSH-66 MI 210	WTKK-66 VA 295	WFMZ-69 PA 240
WVRN-63 VA 355	WGB0-66 IL 430	WNPB-67 MD 260	

Also "translators on 63,64,65,67,72,73,76,81,82."

Dave Nieman, Akron NY 14001-9529

(EDT/EST)

OCTOBER 1986		OCTOBER 1986		NOVEMBER 1986	
22 T 1130	WHIZ-18 OH 281	25 T 0900	W64AG NY 155	7 T 0106	WHRM-20 WI 580
25 T 0213	W60AJ NY 58	Lowville (WUTR-20) 16 M 0819		KTVO-3	MO 758
	Cuba (WNED-17)	31 T 0800	WQED-13 PA 194	22 T 2303	WTLJ-54 MI 394
0218	W59AH NY 70	NOVEMBER 1986		Muskegon	
	Allentown (WNED-17)	2 M 0816	KTVO-3 MO 758	24 T 0233	WNDU-16 IN 394
0758	CICO?-13 ON 165	7 T 0032	WXGZ-32 WI 509	0300	WBNS-10 OH 315
0759	CICO?-6 ON 233	0106	WPNE-38 WI 496	0950	WTVG-13 OH 283

Robert S. Ross, VE3JFC, Box 4373, Station C, London ON N5W 5J2

(EST)

AUGUST 1986		AUGUST 1986		NOVEMBER 1986	
1 T 0030	WUTV-29 NY	17 T 2258	WSMH-66 MI	25 T 1700	CKNX-8 ON
5 E 1805	WESH-2 FL	SEPTEMBER 1986		1755	WNDU-16 IN
1815	WRAL-5 NC	29 G 1900	CITY2-31 ON	1800	WPTD-16 OH
1900	WTVY-4 (FL)	"1st day on air"		1829	WPTY-33 OH
1929	WKR6-5 AL	NOVEMBER 1986		1834	WFMJ-21 OH
2300	WBRZ-2 LA	25 T 0140	WBNS-10 OH	1838	CBLT-5 ON
2312	KJAC-4 TX	0230	WCPO-9 OH	1843	CFTO-9 ON
2320	KPRC-2 TX	0329	WTRF-7 (OH)	1855	WGTE-30 OH
11 M 1953	CKBI-5 SK	0500	WTOV-9 OH	1930	CICO12-12 ON
"1st ever MS ID!"				2255	WNCU-14 MI

Citytv
Channel 57 • Cable 7

99 Queen Street East, Toronto, Canada M5C 2M1

(Logo courtesy of D. Nieman)

MYSTERY CAR: Recently, while driving in the Orange Park area, I caught a fleeting glimpse of a car bearing a customized license tag (or license plate, as they call them in the North). It was not a Florida tag, and I didn't see it long enough to determine the state of origin. But the custom message was clearly visible: "DX CAR" !!! Wonder who it was? It didn't necessarily belong to a TV or FM DXer, but if it was a WTFDA member, come on and 'fess up!

Rod Luoma, 38540 Five Mile Road, Livonia MI 48154

(EDT assumed)

"Not having reported for a few years, I thought I'd help fill in the leaner winter months. This past June was the first time I've ever been able to ID an Es station over local channel 2 (about 10 miles distant). Equipment here includes a 6' CM dish, a CM 1110 (at 55' and 50' respectively), a 1972 Zenith 19" color, a B-T Ultraverter (tube type), 4 Jerrold Trap-Ease (2 high, 2 low) and a home-built group of preamps in a single chassis containing a low-band strip-line featured many years ago in Radio-Electronics plus 2 FET amps, one high-band and one low-band, all 3 being selected by a rotary switch with a bypass position."

JUNE 1986			JUNE 1986			JUNE 1986		
11 E	1725	KTVS-3 CO 1040	28 T	0732	WCPO-9 OH 230	28 T	2239	WRGT-45? OH T
	1725	KYCU-5 WY 1090		0733	WGN-9 IL 230		2243	WJTC-26 OH 155
	1815	KRMA-6 CO 1140		0734	WWTW-9 MI 160		2246	WPTO-14 OH 210
	1833	unID-2 NBC west		1930	WISN-12 WI 250		2257	WKDQ-43 IN 230
	1837	unID-2 ABC west		2040	WCFC-38 IL 220		2306	WICD-15 IL 310
	1844	KTWO-2 WY 1150		2040	WSNS-44 IL 220		2314	WRTV-6 IN 240
	1935	KOTA-3 SD 1010		2040	WCUI-26 IL 220		2316	WTHR-13 IN 240
26 T	1820	WAVE-3 (IN) 310		2044	WBBS-60 IL 220	JULY 1986		
	1835	WLEX-18? KY T		2054	South Bend Us	6 T	0645	WIXT-9 NY 370
	2300	WBOY-12 WV 270		2138	WHMB-40 IN 240		0650	WPCB-40 PA 220
	2305	CBLT-5 ON 220		2139	WBAK-38 IN 295		0700	WPGH-53 PA 220
28 T	0730	CFTO-9 ON 220		2150	WXIN-59? IN T		0700	unID-55 to S.E.
	0731	WTOV-9 OH 190		2209	WILL-12? IL 310			

"Nothing to report since July--the Zenith was out of service for several months and when I repaired it the family set went out, so the DX set got moved upstairs for awhile. All back in order now so I hope to have more to report next time. I sure would like to try a Teknika 6510, but after reading about the image problems it has, I'm hesitant to sink in the money and get something useless with the high power UHF's about 8 miles from here. It would be nice if we could try these things on an approval basis." (Amen! Nice to have you back, Rod.--jfc)

Steve West, 432 Kenmore Road, Havertown PA 19083 (215)449-1472 (EDT/EST assumed)

APRIL 1986			JULY 1986			SEPTEMBER 1986		
1 T	2300	Boston Us 260	31 E	1800	unIDs--LA?? (MUF 88.1 mHz)	25 T	0700	WSTG-64 (MA) 240
MAY 1986			AUGUST 1986			OCTOBER 1986		
10 E	2100	unID-4 CBS	3 E	1930	KTVY-4 OK 1255	1 T	0800	WGGT-48 NC 380
25 E	1230	WTVY-4 (FL) 860 (MUF 94.9 mHz)	4 T	2300	Boston Us 260	2 T	0730	WKFT-40 NC 370
JULY 1986			5 T	1000	WKFT-40 NC 370	9 T	0900	Boston Us 260
24 T	0600	WKBS-47 PA 180	1000	Raleigh Us	10	"Installed PA-4975"		
25 T	0045	WEKW-52? NH T	"I woke up late-- I wonder what was in earlier?"			11 T	2000	WEFC-38 VA 315
	0045	Boston Us 260	E	1800	WTVY-4 (FL) 860	22 T	0830	WCNY-47 NY 210
	0600	WTZA-62 NY 160		1830	unID-4 MO	23 T	1030	WKFT-40 NC 370
	0600	WSTG-64 (MA) 240		1830	KETS-2 AR 1010	NOVEMBER 1986		
	0600	Boston Us	T	2300	Boston Us 260	11 T	0100	WKFT-40 NC 370
E	1200	Cuba-5	14 T	2300	Boston Us 260	22 T	1500	WEFC-38 VA 315
26 E	1100	South FL 2/4/5	15 T	0800	Boston Us 260	25 T	0830	WGGT-48 NC 380
27 E	1400	South FL 2/4/5 (MUF 107.9 mHz)					0830	WKFT-40 NC 370
	1600	Cuba-5						

EQUIPMENT: Finco 7' dish, AC-4990 amp (now using PA-4975) at 38', 38-element log periodic at 18', Probe 9 FM antenna at 38' (in the pine tree).

"I have not reported for awhile, mainly because the 1986 DX consitions have been nothing to write home about. This year I put the 38-element VHF log on the garage roof to reduce local signals from Philly, but there was not enough skip to put it to the test. The antenna in now hibernating in the garage. (If it sees its shadow in February, does it mean 6 more weeks of E-skip?--jfc) I noticed the Cuban TV signals are no longer out of sync. There was a good opening on a weekday in late July or early August with WCBI-4 and St. Louis, well into FM from 5 to 7 PM, but I forgot to log which day it was...WMGM-40 tower (Wildwood NJ--jfc) fell into the Avalon swamps. Their temporary 100-foot tower really puts out a poor signal. Channel 63 in Richmond VA is very strong. The new amp really increases scatter reception. I'm receiving scatter from Binghamton, Richmond, even a mid-day logging of WEFC-38! Airplane scatter brings in WGGT-48 NC. Overload is noticeable. I ordered a CM 40 db trap. Now I'm using a Winegard UT-23 Low-Q trap (15 db). Home Shopping now on chs. 68,67,65,61,57,51,31 and 24. This all-night junk makes music videos, pay-TV and even Pat Robertson look good!"

Rich Wertman, 315 Pine St., Lockport NY 14094 (716) 434-3988 (EST assumed)

"Long time no write! I haven't had much time to do any reporting. Besides, I haven't seen anything worth reporting until the last few days. I have a lot of new catches including a tropo catch of over 1000 miles on 11/28. If anybody has written me and I haven't gotten back to them, please call me instead. I'll have more of a chance to talk than to write. I have seen some good E-skip over the summer, but probably not enough. (Ah! Can we ever get enough?--jfc) I also made a few changes on the tower. I've got a CM UHF Corner Reflector with a PA-4975 at the top. Then I replaced the homebrew P-7 Fed 4251 CM 7' dish with a P-7 plain with ACP-4800 amp. On the bottom is a 1110 Quantum with 0096C amp. I did have a 3617 Crossfire up, but it had lousy side and back reduction. I also have an 112 10-element low-band antenna vertically mounted with AC-9260 amp on the back of the garage for E-skip, with fair results. Well, on to the report:"

NOVEMBER 1986

27 T 2000 unID-14 PBS to W 2000 WANE-15 IN 360
2000 WNDU-16 IN 400
2010 WAND-17 IL 570
2010 WTVQ-17 IL 535
2020 WLF1-18 IN 450
2020 WOIO-19 OH 200
2020 WPTA-21 IN 360
2020 WKAR-23 MI 290
2020 WEYI-25 MI 250
28 T 0100 KGMC-34 OK 1129
"Farthest Tr catch
yet--got this one
on tape!"
1200 WCIU-26 IL 460
1205 WNDU-16 IN 400
1207 WAND-17 IL 570
1207 WFUM-28 MI 240

NOVEMBER 1986

28 T 1207 WLF1-18 IN 450
1210 WIHT-31 MI 275
1210 WGVG-35 MI 360
1210 WGVK-52 MI 355
1215 WFLD-32 IL 460
1215 WKJG-33 IN 360
1215 WNIT-34 IN 400
1215 WOSU-34 OH 300
1220 WKMA-35 KY 620
1220 WLIO-35 OH 330
1220 WUPQ-36 OH 270
1220 WBAK-38 IN 530
1220 WCFC-38 IL 460
1220 WGRF-39 IL 535
1220 WFYI-39 IN
"??--isn't this
one on 20?--jfc)
1225 WHMB-40 IN 450

NOVEMBER 1986

28 T 1225 WUHQ-41 MI 340
1225 WYZZ-43 IL 560
1230 WSNM-44 IL 460
1230 WRGT-45 OH 370
1230 WHME-46 IN 400
1235 WWSA-47 "over
CFMI--where??"
(Dunno--jfc)
1235 WPNR-60 IL 460
1235 WSNM-66 MI 240
1235 WAGP-49 MI 270
1235 WFFT-55 IN 360
1235 WXIN-59 IN 450
1235 unID-54 MI
"Christian Network"
(Probably the new
one in Muskegon--
jfc)

"I have also seen the new WETG-66 Erie PA--not much of a signal to speak of. WNEB-17 has just completed their new 1200' tower in Grand Island, right next door to WUTV-29. This will really stink for DXing to the southwest. 29 bleeds over bad with 1 million watts--I can't wait to see what 17 will do with their 2 million!"

Whoop-De-Do

EQUIPMENT USED: Hy-gain HG-5255 tower, CM Lg. Corner Reflector w/PA-4975 @ 68', P-7 W/CP-4800 @ 65', CM 1110 w/0096C AT 55', FEDW/RG11-U and .500 aluminum hard-line, vertical 1126 10-element lo-band w/AC-9260 15' above garage, New Zenith 13" color, Samsung 12" B/W, SL-2300 Sony VCR, Teknika 6510 tuner, 4206 CM trap.

Harry J. Hayes, 9 Henry Street, Wilkes-Barre PA 18702

(EST)

NOVEMBER 1986

27 T 2100 WAKR-23 OH 290
2200 WJET-24 PA 225
2200 WVIZ-25 OH 300
2200 WCLQ-61 OH 300
2200 WCEE-35 PA 225
28 T 1028 WOSU-34 OH 380
1030 WFYI-20 IN 545
1100 WLIO-35 OH 430
1101 unID-41 MTM show

NOVEMBER 1986

28 T 1200 WEEK-25 IL 710
1200 WMBD-31 IL 710
1226 WPGH-53 PA 215
1230 WFFT-55? IN T
"Super-55"
1238 WRGT-45 OH 445
"Snowfree entire
opening"
1310 WOIO-19 OH 300

NOVEMBER 1986

28 T 1400 WEAD-49 OH 290
1430 WWPB-31 MD 140
2200 WGGN-52 OH 350
2300 WLF1-18 IN 570
2300 WBNX-55 OH 290
2320 WFMJ-21 OH 240
2320 WAKR-23 OH 290
"almost local quality
2320 WYTV-33 OH 240

EQUIPMENT: Finco 6' dish, Winegard PA-4975 amplifier, 2 CM UHF 7206 traps, all installed in attic.

TOTALLY AWESOME!

"A DXer's dream," an E-skip opening on UHF, "the best thing I've ever seen;" the DXers I've heard talk about the 1986 Thanksgiving tropo opening both first and second hand described the opening this way. I'm sure this opening will be known by Northerners as "The Opening" for years to come. Personally, it's the best opening I've seen on UHF in the valley or anywhere. The opening was so strong that my dad noticed WAKR-23 coming in on an unamplified 8-bay he has fixed toward the west for the locals, so my dad really tipped me off on what was happening. Here, right in the shadow of the towers of locals 16,22,28, and 44 the signals from OH and beyond has no trouble with the sidebands of the locals. In fact, I had some lines on local channel 16 here, so strong were the signals."

(TUNE IN THE NEXT PAGE FOR THE REST OF HARRY'S COMMENTS)

Hayes (continued)

"Glenn Jacobs suggested that I might hold the record for the furthest UHF on an indoor antenna with Peoria at 710 miles. Maybe, if one can call a 6' dish an indoor antenna! One other thing, the temperature outside was below freezing most of the duration of this opening. So much for the tropo and warm weather theory. (Myself, I always thought tropo has little to do with warm weather *per se*, but rather with the clash of warm and cold air, as along frontal lines. Also, a stagnant high pressure area can cause widespread, sustained tropo, whether it is in July and producing stifling heat, or in November and producing clear, crisp weather. But then, I'm not a propagation expert, so why am I shooting off my mouth?--jfc) The opening finally seemed to die out here about 0300 Saturday 11/29 with only Indianapolis showing up on FM. Those in a better location possibly had conditions longer. Will be anxious to know when the opening actually started."

Glenn Jacobs, RD #1, Box 1508, Moscow PA 18444

(EST)

NOVEMBER 1986

NOVEMBER 1986

NOVEMBER 1986

27 T 2016 WXIN-59 IN 573	28 T 0106 WAND-17 IL 708	28 T 0527 WTVS-56 MI 416
"In for 36 hours straight!"	0114 WKJG-33 IN 506	0555 WDKY-56 KY 550
2016 WCET-48 OH 503	0135 KDNL-30 MO 811	0556 WWP-23 PA 166
2016 WLKY-32 (IN) 588	0135 WTTT-28 OH 400	0603 WOIO-19 OH 327
2016 WANE-15 IN 507	"Local off"	0614 WNPB-24 WV 254
2030 WDRB-41 (IN) 589	0135 KSNF-16 MO 1063	0623 WBGU-27 OH 440
2059 WLIO-35 OH 456	0155 KLDH-49 KS 1091	1459 WGN-52 OH 382
2100 KSHB-41 MO 1021	0201 WICD-15 IL 659	1530 WOAC-67 OH 305
"full color"	0201 WICS-20 IL 743	1700 Louisville Us
2235 WMBD-31 IL 737	0232 WFLI-18 IN 588	to Mid-Indiana Us
2243 KTBD-14 OK 1254	0232 WEHT-25 (KY) 688	1800 KDNL-30 MO 811
2305 WFIE-14 (KY) 685	0258 KNLC-24? MO T	"Local quality"
2305 WHMB-40 IN 573	"Relig.--peak S. of Toledo"	2307 WHIO-7 OH 476
"under Binghamton"	0301 WWCP-8 PA 197	2330 WTHR-13 IN 572
2305 Toledo Us 414	0504 WHME-46 IN 555	29 T 0200 KGCT-41? OK T
2305 WJTC-26 OH 453	0508 WTVQ-36 KY 528	"strong zero to WDRB"
2358 WFTI-20 IN 573	0515 WPTA-21 IN 507	0224 WKRC-12 OH 502
28 T 0036 WPTO-14 OH 505	0520 WFFT-55 IN 507	0228 WCEE-13 IL 739
0059 KYFC-50 MO 1023	0520 WYVC-45 OH 476	0236 KBSI-23 MO 801
	(new calls?--jfc)	0803 WTVN-7 IN 674

EQUIPMENT: 7' screened UHF dish w/PA-4975 at 125' AG, Quad stack of 7-13 yagis at 85' AG, 2 19" GE color TVs, 2 Teknika tuners. Location is 1620' ASL.

(George phoned this report in to me. He indicated that there were many more stations logged and that in 25 years of DXing, he had never seen a tropo opening of similar intensity/duration. He has all of the above loggings taped and photographed. George also said that his only significant E-skip logging this summer was a double-hop KBCI-2 Boise ID (2056 miles) at 1522 EDT on 5-25. This was the same date on which several Western NY DXers logged KCRA-3 CA, as reported in a previous column--jfc)

Quite Extraordinary

CHANGE OF ADDRESS: Effective with the March 1987 column (the deadline for which is February 1st) my address will change to: 1308 Willow Branch #24, Jacksonville FL 32205. Reports sent to the old Herschel address will be forwarded, but may be delayed a day or two, and that could mean the difference between your report appearing that month or the next. You can still write me at Herschel until around the 20th of January. I am only moving a few blocks, but to a roomier apartment with a view of Willow Branch park instead of a wall. It is also a second story apartment, and I can hope the slight elevation (and the outer wall that faces roughly northwest) will improve my DX. One bad feature is that I will be right at the level of the power lines, which may mess up SW but hopefully won't have too much effect on TV and FM!

IMPORTANT

or two, and that could mean the difference between your report appearing that month or the next. You can still write me at Herschel until around the 20th of January. I am only moving a few blocks, but to a roomier apartment with a view of Willow Branch park instead of a wall. It is also a second story apartment, and I can hope the slight elevation (and the outer wall that faces roughly northwest) will improve my DX. One bad feature is that I will be right at the level of the power lines, which may mess up SW but hopefully won't have too much effect on TV and FM!

QEX 16
PITTSBURGH

(Logo courtesy of M. Barvinchak)

NOT VALID
WITHOUT
THIS STAMP

N P B W

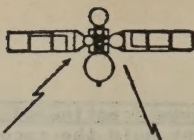
A L R G B

000 000 000%

CH *

(C R) (M G) (Y B) (|||||)

SATELLITE NEWS



George W. Jensen
4604 Anntana Avenue
Baltimore, Maryland
21206-4220

I am going to get to a number of items that pertain to the great shift of programming from Satcom III and Galaxy I to Telstar 303. First a rundown of Satcom III and Galaxy I as it exists on December 7, 1986.

SATCOM III 131*W POLARITY - ODDS/VERTICAL.....EVENS/HORIZONTAL

Transponder Service

- 1 - Nickelodeon (East)
- 2 - The Learning Channel and Home Shopping Club II
- 3 - Trinity Broadcasting
- 4 - Financial News Network - Telshop
- 5 - Pay Per View - Ma/Com encoded
- 6 - Tempo
- 7 - ESPN Feeds
- 8 - Q V C Shopping Channel
- 9 - USA Network (West)
- 10 - Showtime (West) - Ma/Com encoded
- 11 - MTV
- 12 - C V N Shopping Channel
- 13 - HBO (West) - Ma/Com encoded
- 14 - CNN Feeds
- 15 - VH-1
- 16 - HTN
- 17 - Lifetime
- 18 - Reuters Videotext (Day) - E W T N (Night)
- 19 - Weather Channel
- 20 - Black Entertainment Television
- 21 - OUT OF OPERATION
- 22 - Home Shopping Club I
- 23 - Cinemax (West) Ma/Com encoded
- 24 - Arts and Entertainment

Galaxy I 134*W POLARITY - ODDS/HORIZONTAL.....EVENS/VERTICAL

- 1 - HBO Ma/Com encoded
- 2 - Nashville Network
- 3 - WGN Chicago - Ma/Com encoded
- 4 - Disney Channel (East)
- 5 - Showtime (East) Ma/Com encoded
- 6 - S. I. N.
- 7 - C N N Ma/Com encoded
- 8 - C N N Headline Service Ma/Com encoded
- 9 - E S P N
- 10 - Movie Channel (East - Ma/Com encoded
- 11 - C B N
- 12 - Pay Per View service - Ma/Com encoded
- 13 - C-Span - House of Representatives
- 14 - The Movie Channel (West) - Ma/Com encoded
- 15 - WOR New York Ma/Com encoded
- 16 - Pay Per View - Ma/Com encoded
- 17 - P T L
- 18 - W T B S Atlanta
- 19 - Cinemax (East) - Ma/Com encoded
- 20 - Galavision
- 21 - U S A Network (East)
- 22 - Discovery Channel
- 23 - H B O (East) Ma/Com encoded
- 24 - Disney Channel West

This is probably the last time that these Satellites will be listed with this menu of services. If you refer back to last months VUD you will get a pretty good idea of those services that are planning to move.

In preparation for this movement a number of changes are already taking place.

SelectTV is simulcasting on Telstar 303 (2) and Spacenet 1 (13). It is possible that 2 separate services may be planned.

Country Music Television Telstar 303 (1) is also now on Telstar 303 (13)

Telstar Pay-Per-View (Nights) Telstar 303 (18) also on Spacenet I (17)

KTVT - Dallas, Texas on Telstar 303 also on Telstar 303 (20)

KWGN, KMGH, and krma Denvar were noted briefly on 3 Satcom I transponders.

'73's

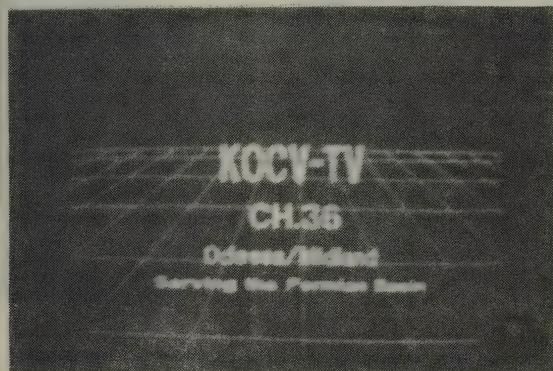
PHOTO-NEWS

David J. Nieman
12284 Nice Road
Akron, NY 14001-9529

JANUARY 1987

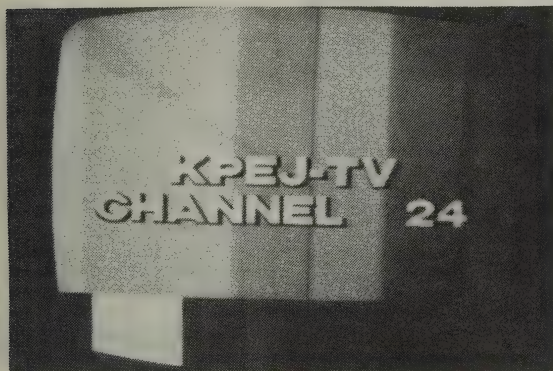
Photos limited to no older than 1½ years

We start the new year with more great tropo photos from Jim Pizzi - Lovington New Mexico.



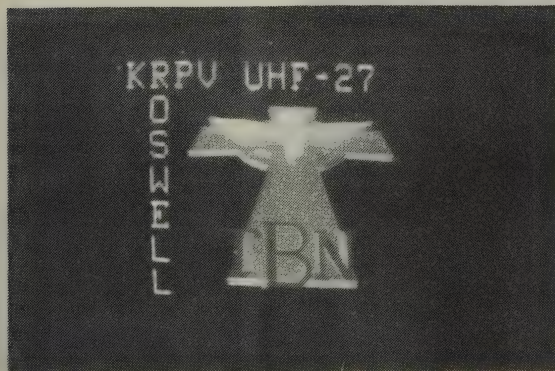
KOCV-36
Odessa/Midland, TX
100 mile tropo
seen April 8, 1986

jp2



KPEJ-24
Odessa, TX
100 mile tropo
seen June 15, 1986

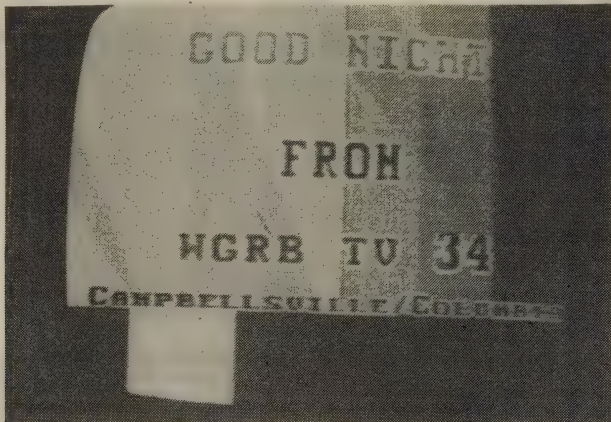
jp3



KRPV-27
Roswell, NM
90 mile tropo
seen September 10, 1986

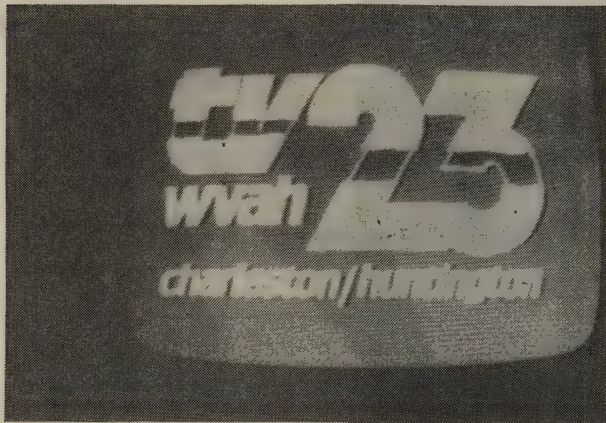
jp4

Our next Photo News reporter is: Carlon Howington of Akron, Ohio who sent in some pix of his tropo catches.



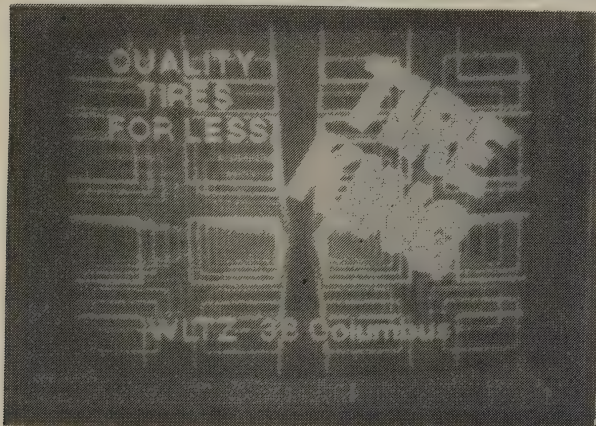
WGRB-34
Campbellsville/Columbia, KY
540 mile tropo
seen October 4, 1985

ch1



WVAH-23
Charleston/Huntington, WV
190 mile tropo
seen October 4, 1985

ch2

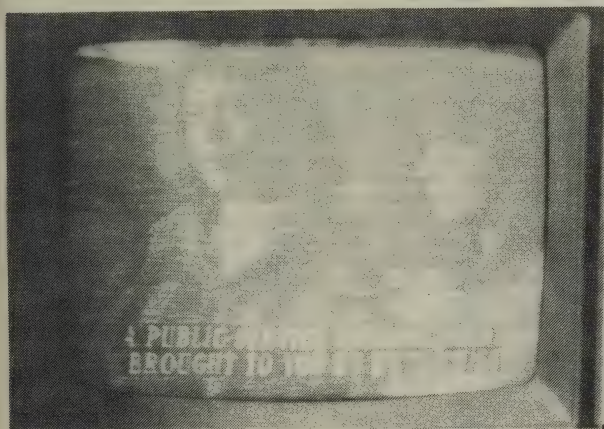


WLTZ-38
Columbus, GA
609 mile tropo
seen September 13, 1986
at 0800 EDT

ch3

PHOTO - NEWS

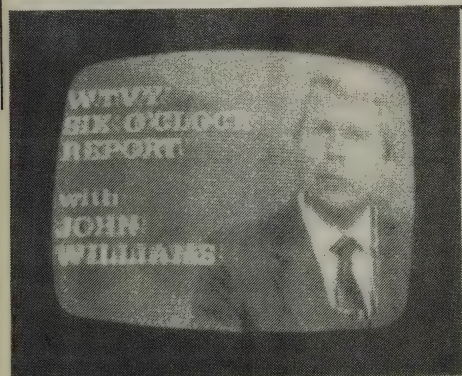
Carlson's photo file continues....



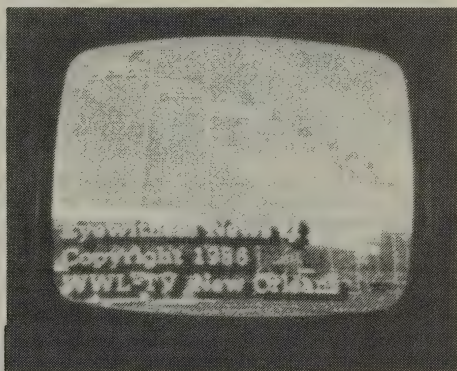
WXIX-54
Columbus, GA
609 mile tropo
seen September 13, 1986
at 0916 EDT

ch4

How, I have a few photos of my E-skip & tropo DX from Akron, NY to show you.



WTUV-4
Dothan, AL
898 mile E-skip
seen August 28, 1986
at 1800 EDT



WWL-4
New Orleans, LA
1110 mile E-skip
seen August 29, 1986
at 1329 EDT



CHRO-5
Pembroke, ON
205 mile tropo
seen September 24, 1986
at 0800 EDT

I'm looking forward to seeing some photos from that BIG Thanksgiving day tropo opening.

DAVE

WESTERN TV-DX

Fred McCormack
Box 5221
State University Sta.
Fargo, ND 58105

January 1987

Deadline: 2- 5-87

"...the best tropo opening ever observed..." (Eckberg), "...the most spectacular tropo session ever experienced..." (Kadet), "...my most tropo to date..." (Pomeroy), "...a fine DX feast..." (Buntin), "...tropo on November 28-29 almost non-stop!" (Bueneman).

Those are the words used by many of this month's reporters to describe a truly extraordinary tropo opening which took place during the last week in November - a tropo opening which carried signals over a thousand mile path from Texas to New York for hours on end. Congratulations to all the DX'ers who were lucky enough to get in on this one!

Since there are quite a number of reports this month of translators translating stations other than their primary station, I want to call attention to a convention of listing translators which I have been utilizing in this column. Following the line listing the call letters and state of the translator is a line listing the city and station translated. If it is the proper station, for example, it is listed as (City KXXX-13); if it is some other station, for example, it is listed as (City w/KYYY-13).

New _____ New Mode _____ Tent. - t Unidentified - unid S/On - + S/Off - =
ID Color Bars - @ _____ Unid Color Bars - % IHTP - ♀ Misc. Test Patterns - &

BN Baja California Norte

DF Distrito Federal

JA Jalisco

Dave Sinclair, 6565 Brooks Street, Vancouver, BC V5S 3J6

PDT/PST

Equipment: Archer antennae: VHF-FM model 15-8654, UHF model U-120 both mounted on separate chimneys 10 feet high, Archer coax wire, Sony colour TV model KV 1215, Electrohome VHS VCR

I am pleased to enclose my first TV-DX report. I am 47 years of age, married. Distances were calculated from John Combs DX distance printouts which I recently received. These are indeed worthwhile.

<u>June 1986</u>				<u>July 1986</u>				10 Es 2000 KCRA 3 CA 757			
11 tr 1100	KOAP	10 OR	252					15 tr 1100	KOAP	10 OR	252
Es 1430	XHBC	3 BN	1210	1 tr 0830	KOAP	10 OR	252	20 tr 1030	KPDX	49 WA	252
1530	KEYT	3 CA	757	11 Es 1300	KTVK	3 AZ	1231	31 Es 2200	KTVK	3 AZ	1231
25 tr 1028	unid channel 9							2300	KTVK	3 AZ	1231
	(Over KCTS- 9)			<u>August 1986</u>							
30 tr 0930	KPDX	49 WA	252					<u>October 1986</u>			
1030	KOAP	10 OR	252	10 Es 1830	KVBC	3 NV	996	26 tr 0630	KATU	2 OR	252

Effective September 1, our local station CKVU is transmitting on channel 10. August 31 was a significant skip because of late evening and date.

(Welcome to the column, Dave. I look forward to regular reports of DX reaching Vancouver. fm) (Dave mentions an interest in swapping TV Guide editions. fm)

William Eckberg, 1032 Sterling Road, Dixon, IL 61021

CDT/CST

Equipment: 1966 Zenith b&w tube receiver ch 14N22, modified Zenith 175-1953 detented tuner. Channel Master 1110 VHF antenna. Channel Master 7 foot UHF parabolic antenna with Winegard PA4975 preamplifier on a 40' tower.

<u>September 1986</u>				8 Es 1630 WPBT 2 FL 1229				19 tr 0630 WPBY 33 WV 428			
24 tr 0505	KNMT	12 MN	439	1635	Cuba	ICR	3 1350	21 ms 0443	KATC	3 LA	809
1s 0455	KSNF	16 MO	413	9 Es 2000	WPBT	2 FL	1229	25 ms 0520	KPRC	2 TX	890
				14 Es 2015	Cuba	TR	2 1340	27 ms 0505	KIII	3 TX	1072
				19 tr 0455	WOIO	19 OH	401	30 tr 0410	KSNF	16 MO	413
<u>October 1986</u>				0530	WNPB	24 WV	508	0430	KOKH	25 OK	612
4 tr 0518	KSNF	16 MO	413	0548	WKBN	27 OH	450	0445	KSAS	24 KS	498

I had some unusual loggings. Received KNMT-12 during a rainstorm. It rained all evening and the next day. Unusual conditions for a new logging.

I received my most common tropo station via lightning scatter. I had noted this form of DX before, but never any ID's. Lightning scatter is easier to identify than meteor scatter as the bursts are closer.

William Eckberg (continued)

I had E skip into south Florida and Cuba on October 8, 9, and 14. Cuba is rare anytime, let alone October. From the list of Cuban stations in the July VUD, I've assumed I logged ICR-3 in Santa Clara on October 8 and TR-2 in Havana on October 14. These are the only stations on their respective channels within 1400 miles with any power.

On October 8, I got an excellent picture of their test pattern. It has a very strange appearance with ICRT in the upper left corner. I'm sending it to the photo news editor. On October 14, I watched the news and weather from Cuba. NTV was in the background. Anyone know what that means? If my conclusions on my Cuban loggings are in error, I would appreciate a line. Information on Cuban TV's is hard to come by.

November 1986

6 tr 0335	KSNF	16 MO	413	25 tr 0505	WABO	49 OH	404	28 tr 0350	KSNF	16 MO	413
18 ms 0455	KPRC	2 TX	890	0515	WNED	45 OH	426	0400	WBNA	21 KY	308
24 tr 1900	WKSO	29 KY	405	0630	W54##	54 OH	???	0425	KXTX	39 TX	738
1915	WYMT	57 KY	449	(Unknown	w/W22AE)			0430	KLITJ	49 TX	738
1945	WKMR	38 KY	396	(See Note # 1)					KWHB	47 OK	519
2200	WQLN	54 PA	481	2000	WBNX	55 OH	404	0505	WABO	49 OH	404
2305	WNED	45 OH	426	2240	WTLJ	54 MI	189		WNED	45 OH	426
2325	WKBN	27 OH	450	27 tr 0445	KSNF	16 MO	413		WOIO	19 OH	401
2340	WOAC	67 OH	417	1630	KGMC	34 OK	612	0510	WFMJ	21 OH	450
25 tr 0015	WPGH	53 PA	491	1645	KOKH	25 OK	612	0520	WVIA	44 PA	681
0035	WOIO	19 OH	401	1700	KTBO	14 OK	612	0525	WPGH	53 PA	491
0055	W58AM	58 OH	450	1815	WPGH	53 PA	491	0615	KGMC	34 OK	612
(Youngstown w/WRGT-45)				1900	WQLN	54 PA	481		KHNE	29 NE	464
0100	W68BN	68 IN	224	1915	WKSO	29 KY	405	0625	WKSO	29 KY	405
(Fort Wayne PTL)				2000	KGCT	41 OK	519	29 tr 2245	WKSO	29 KY	405
0130	WDLI	17 OH	417	2015	WOAC	67 OH	417	2325	WCAY	30 TN	408
0150	WAKC	23 OH	404	28 tr 0200	WAKC	23 OH	404	30 tr 0008	WYMT	57 KY	449
0200	WFAT	19 PA	549	0205	KAUT	43 OK	612	0440	KSNF	16 MO	413
0315	WDCA	20 DC	669	0210	WHBQ	13 TN	451	0500	WHBQ	13 TN	451
0445	WTRF	7 WV	461	0235	KXTA	21 TX	755	0525	KXTA	21 TX	755

Note # 1 - 11/25 @ 0630 - Any ideas? Antenna heading was toward Bucyrus, Ohio. I watched news and advertising nearly snowfree on channel 54 for one half hour. A channel 22 in the area has a translator which was picking up W22AE. First time picked up LPTV via translator.

The evening of November 27 was the best tropo opening ever observed. KXTA-21 at 755 miles was mostly snowfree for nearly three hours. Also, the band was open 700 miles to the east. I was not home the evening of November 28. November was the best tropo month of the year here.

(Bill, I found through a phone call to channel 22 in Bucyrus that they are moving to channel 54 and are presently operating on both channels 22 and 54. What you saw was LPTV station W54AF. fm)

Jack & David Dudley, 320 N. Electra St., Electra, TX 76360

CST

Equipment: Two stacked UHF antennas and preamplifier, 15-1225 Archer rotor on a 25 foot mast with a 50 foot run of RG-59 cable to a Radio Shack TC-1000 19" color monitor. QTH 98.9°W/34.1°N and 1100' a.s.l.

October 1986

3 tr 0952	KJAA	34 TX	7 Es 1508	WFMJ	2 NC	30 tr 0558	KOZK	21 MO
1003	KAMC	28 TX	1520	XEW	2 DF	(Also a ch 28 with the		
1015	KLBK	13 TX	1525	XEWO	2 JA	same call letters.)		
5 tr 0700	K36AB	36 OK	1602	WMAR	2 MO			
(Lawton w/KAFT-13)			9 Es 1907	WFMJ	2 NC			
0712	KHBS	40 AR	1922	unid	ch 4 PBS	November 1986		
0714	KJTM	38 AR	14 Es 1705	KUTV	2 UT	4 tr	KWTV	9 OK
1036	KDEB	27 MO	1717	KBCI	2 ID	5 tr	KOTV	6 OK
1124	KJRH	2 OK	1829	KTVQ	2 MT	Es	KJRH	2 OK
1133	KTPV	29 AR	2100	WDIQ	2 AL		XEW	2 DF
1202	KSNF	16 MO	17 tr 0424	KSAS	34 KS	10 tr	K28AC	28 OK
1306	KPOM	24 AR	24 tr 0600	KLAB	23 TX	(Ardmore w/WHBQ-13)		
6 tr 0609	KMSS	33 LA	27 tr 0345	KSNF	16 MO	11 tr	KSPR	33 MO
7 Es 1300	WPBT	2 FL	0510	KSPR	33 MO		KJTM	38 AR
1322	WESH	2 FL	30 tr 0240	KDEB	27 MO		KHBS	40 AR
1435	WCBD	2 SC	0317	K36AB	36 OK		KSNF	16 MO
			(Lawton w/WHO -13)				KTPV	29 AR

Jack & David Dudley (cont.)	19 tr	KDEB 27 MO	Overall, the DX seems to
		KBVO 42 TX	have gone down, though there
16 tr	KSNT 27 KS	KTIV 36 TX	have been two or three good
	K36AB 36 OK	K33AH 33 TX	days. Exceptional E skip
(Lawton	w/WIBW)	(?????? w/KFDA-10)	events on the 7th, 9th, and
			14th of October.

On the subject of E skip, here in north Texas, we seem to receive Mexican stations as much as anything else. Is there any policy of identification times to Mexican stations other than randomness?

KIAB is a new station. It began transmission on 23 October. At present only operating 0600-0900 and 1800-2300. They plan to eventually carry a 24 hour schedule, but at present only carry the eight hours. The Dallas Morning News or the TV Guide do not carry their listings yet.

(Did you see your KOZK on channel 26 rather than channel 28. KOZJ-26, a satellite of KOZK-21, came on the air at Joplin this summer. Also, I don't know where K33AH is located. Can you advise? fm)

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260 (505)-396-3251

MDT/MST

Equipment: Tri-Ex MW-65' Tower - @ 65', 10 element Antennacraft (hor) into Akai AT-V04 and JVC VI700 with Jerrold FM de-snow; @ 68', Finco P-7 UHF dish with Eu-4s preamp into Sony 8" b&w or Motorola 19" color; @ 72', Winegard CH-7023 (10 elements, chs 7-13) with Winegard AC-9730 preamp into Motorola 19" color. 35 Foot Tower - @ 35', Winegard CH-4054 with Winegard A-215 in house tube amp into Motorola 19" color; @ 38', CM 4250 6' UHF with Eu-4s preamp into 12" Emerson b&w. 20', 10 element channel 2 with Winegard AC-9260 preamp (channels 2-6); 35', CM-1110 with Winegard AC-9990 preamp on 20' push up on garage roof; Channel 2 and FM vertical on 20' push up; Winegard CH-4054 on 10' mast; 25', 10 element Antennacraft FM (vert) into JVC VI900; 13', Winegard CH-4052 with Winegard AC-9260 preamp (chs 2-6).

August 1986

29 Es 1330 unids chs 2-6 se	26 tr 0807 K17## 17 ?? nne	28 tr 0745 K56BQ 56 OK 260
1830 unids chs 2-6 se	(Unknown w/CBN)	(Frederick KWET-12)
(Both above USA)	(TX panhandle, KS, NE?)	0748 KEDT 16 TX 520
1930 WDIQ 2 AL 1008	Not new if KDSM.)	0800 K75CG 75 TX 141
30 Es 0730 WSJK 2 TN 1170	0810 K33## 33 TX 291	(Snyder KJTV-34)
	(Canadian KVIL- 7)	31 tr 1820 KMSS 33 LA 560
	0829 K29## 29 TX 291	(10 kHz to KDAF)
	(Canadian KVIL- 7)	1821 KLTS 24 LA 560

September 1986

1 Es 1015 unids 2-5 Mexico		1844 KEDT 16 TX 520
26 tr 0755 K43## 43 TX pan		WAPT 16 MS 772
(Unknown ABC not KVIL)		(0 kHz to KEDT)
0757 K45## 45 TX pan		1848 WNOL 38 LA 830
(Unknown ABC not KVIL)		WLAE 32 LA 830
K39## 39 TX pan		1849 KITU 34 TX 570
(Unknown KVIL- 7)		(0 kHz to KJTV)
(Once before 11/14/84)		1851 KADN 15 LA 700
0758 K41## 41 TX pan		1853 Houston 20,26,39
(Unknown NBC)		530

0759 KPIM 42 NE 698		2122 K44## 44 TX TBN
0800 KYNE 26 NE 698		(Unknown- twrd Austin)
0801 KTINT 21 IA PBS		2132 KVCT 19 TX 490
(Xltr KWET-12, TX,OK?)		2135 KLDO 27 TX 460
K45AU 45 TX 305		2329 KLAX 31 LA 660
(Booker KVIL- 7)		2346 WCNO 26 LA 830
0802 K49## 49 TX 305		
(Booker KAMR- 4)		

Some late season E skip seen, but very brief. A few good tropo dates and a slew of unknown translators.

October 28, channel 54 was OETA and probably a KWET-12 relay as west Oklahoma and Texas panhandle translators were in.

September 26 into Nebraska was excellent with KPIM-42 in color - VCR not set up and no film in camera and long promo and ID!

October 31 - November 1 opening very good with WNOL-38 in color and KITU-34 tearing KJTV-34 apart.

That's it for now. 73's, Jim

(Jim, I believe your OETA on channel 54 was K54BB at Duncan (KETA-13?) fm)

Dave Pomeroy, 1169 Webster, Topeka, KS 66604-1502

CDT/CST

July 1986	24 tr 2100	WFLD 32 IL	27 tr 2200	WFIY 20 IN
17 Es 1800 CBFT 2 PQ		WMBD 31 IL		WKEF 22 OH
2200 WSAZ 3 WV		WCIU 26 IL		WRGT 45 OH
18 tr 0700 KOZJ 26 MO		WPTA 21 IN		WFMJ 21 OH
Tulsa 23, 47		unid 19 CCI-KCPT		WAKR 23 OH
K30AL 30 KS	2200	WANE 15 IN		WCLQ 61 OH
(Iola KTWU-11)		WYCC 20 IL		WGTE 30 OH
KSMQ 15 MN		WLIO 35 OH		WYTV 33 OH
0725 KDUB 40 IA		K30AL 30 KS	28 tr 0121	WXIX 19 KY
0730 WMSN 47 WI		KLJB 18 IA	0515	KTXA 21 TX
19 Es 2100 KLEW 3 ID	2230	WTVS 56 MI		KDAF 33 TX
		unid 62 CCI-KZKC		KXTX 39 TX
September 1986		WIHT 31 MI		KDFI 27 TX
25 tr AM KTMA 23 MN		unid ch 71 ABC		KDNL 30 MO
KITN 29 MN		WKEF 22 OH		KOKH 25 OK
WQOW 18 WI		WSBT 22 IN		WFLD 32 IL
27 tr KOZJ 26 MO		WCLQ 61 OH	0554	WLKY 32 KY
KDEB 27 MO		WUAB 43 OH	0600	WTVS 56 MI
(Over KSNF-5 mi)		unid channel 39		WICD 15 IL
KOZK 21 MO		K56AF 56 IA	0630	WKEF 22 OH
KSPR 33 MO		(Clarinda KMTV- 3)		WRGT 45 OH
(Strong!)		=WGTE 30 OH		WCLQ 61 OH
	25 tr 0700	WQRF 39 IL	0745	WPGH 53 PA
October 1986	27 tr 1630	WYCC 20 IL	0830	WPPB 31 MD 935
7 tr 2000 KTAJ 16 MO TBN		WCFC 38 IL		WMT 36 WI
		WSNS 44 IL	0900	WOSU 34 OH
November 1986		WYZZ 43 IL		WCGV 24 WI
11 tr RHBS 40 AR	1700	WNWO 24 OH		WTV 18 WI
Oklahoma City ch	1715	KLJB 18 IA		WMTV 15 WI
14, 25, 34, 43	1727	WFHL 23 IL	29 tr AM	OKC 14,25,34,43
KITV 29 AR		WAND 17 IL		KHBS 40 AR
KPOM 24 AR	1730	WGBO 66 IL		
24 tr 2100 WKJG 33 IN	1800	WUPW 36 IL		
WFBN 66 IL	1830	WICD 15 IL		
WCFC 38 IL	1845	WLIO 35 OH		
WSNS 44 IL	1850	WPTA 21 IN		
WTV 47 IL	1900	WXIN 59 IN		
WPWR 60 IL		WRSP 55 IL		
WHME 46 IN		WHMB 40 IN		
WNIT 34 IN	2130	WNIT 34 IN		

The following were seen at my parents' house in Shawnee Kansas (Kansas City):

July 1986
19 tr 0830 WLKY 32 KY
WRGT 45 OH

KOIA-15 went off the air (Ottumwa, IA) after 3 months on the air. I saw them only once weakly.

KMCI-38 (Lawrence, KS) is now due on in April while K30AM in Lawrence is evidently off permanently.

KTAJ-16 ID's as St. Joseph - Kansas City with TBN programming. They are 5 million Watts, but poor here due to low tower height. I have better luck with KSNF-16. KTAJ's tower is at Agency, Missouri. They are on 4:30 PM to midnight.

On the 27th and 28th, I saw my most tropo to date, with WPPB-31 the most distant. The signal was weak, but there was no CCI at all, somehow bypassing WMBD-31 which is in here often. WPGH-53 was stronger, but fairly weak with no CCI. WFMJ-21 was quite clear and steady. WRG-45 is the first channel 45 seen here, WPGH-53, the first on channel 53, WTVS-56, the first on channel 56, and WCLQ-61, the first on channel 61 (other than K61CU).

Danny Buntin, 1312 North Skyline, Stillwater, OK 74705

CST

Equipment: Quasar 1984 25 inch, 4 way bow tie at 20' with Radio Shack preamplifier.

November 1986	27 tr 1956	WSBT 22 OH 785	27 tr 2041	KZKC 62 MO 240
27 tr 1000 WAND 17 IL 520	1957	CKCO3 42 ON 920	2100	KMIZ 17 MO 320
1015 WICD 15 IL 565	2005	WCIU 26 IL 640		WCET 48 OH 740
1029 WICS 20 IL 480	2009	WUTV 29 NY 1080		WHME 46 IN 715
1048 WCFC 38 IL 640	2014	WFBN 66 IL 640	2105	KLMG 51 TX 275
1055 WSJV 28 IN 715	2017	WCLQ 61 OH 910	2150	unid channel 31
1921 WOIO 19 OH 910	2020	WXIN 59 IN 630	2156	WLIO 35 OH 780
1925 WFLD 32 IL 640	2026	WRSP 55 IL 480	2200	WPMR 60 IL 640
1954 WSNS 44 IL 640	2030	WRAUP 19 IL	2220	WNBO 45 OH 920

Danny Buntin (continued)				28 tr 0255	WAKC	23 OH	920	28 tr 1230	WANO	19 IL	520
					0300	KLTJ	49 TX	1235	WHMB	40 IN	630
27 tr 2222	KDNL	30 MO	410		0302	=KTXH	20 TX	1753	WCME	20 IL	640
2258	WEAO	49 OH	920		had to leave until....			1758	WGTE	30 OH	825

Most loggings new. What a fine DX feast for Thanksgiving evening with WUTV-29 of Buffalo most filling!

Jeff Kadet, Box 20, Macomb, IL 61455

CDI/CST

Equipment: Zenith 9" black & white, Zenith 12" black & white, Zenith N1310, Zenith Y1310 (all circa 1979-1982), Channel Master 1110 with CP 3800 preamp, RG-11 at 50', Channel Master 7' dish with PA 4975 preamp, .500 cable at 55', Winegard 5 element low band vertically polarized at 20'

October 1986				24 tr 1938	W58AG	58 OH	375	25 tr 0636	W57AG	57 WV	480
					(Georgetown	WCET-48)			(Parkersburg	WPBY-33)	
8 Es 1930	unid ch 4 Mexico			2100	CBEFT	54 ON	410	0638	@WQLN	54 PA	555
	unids chs 2, 3				W68BN	68 IN	285	0711	WBNX	55 OH	475
30 tr 0225	OKC 14,25, 510				(Fort Wayne	PTL)		26 tr 2351	WLAX	25 WI	225
0254	K18AMT 18 OK			2250	W65AH	65 OH	415	27 tr 0517	WWPB	31 MD	670
0426	K56CA 56 MO				(Loudonville	WOUC-44)		0534	W31AA	31 OH	425
November 1986				2320	CBFLT10	48 ON	455		(Newark	WOSU-34)	
				2324	W69AO	69 OH	450	1600	WUTV	29 NY	620
					(Millersbrg	w/WXON-20)			CBFLT8	61 ON	550
2 tr 2130	WNEO 45 OH 490			25 tr 0025	&CBLT9	40 ON	505		KXTX	39 TX	640
	WQAC 67 OH 480			0033	&CIC032	32 ON	410	1651	CIC018	18 ON	505
6 tr 0336	&CBFLT 25 ON 610				(TVO test pat.)			1700	CITY	57 ON	610
0424	&WVIZ 25 OH 475			0054	W39AA	39 IN	285		CIC059	59 ON	455
	KOKH 25 OK 510				(Fort Wayne	WXON-20)		1858	KEIA	13 OK	510
0506	CITY2 31 ON 525			0100	W54##	54 OH	???	2005	WFVZ	69 PA	780
1650	CBFLT9 40 ON 505				(Unknown	w/W22AE)		2212	WTBY	54 NY	865
	Srnia, Dtroit Us				W22AE	22 OH	395	2230	WTAF	29 PA	810
1723	WTLJ 54 MI 285				(Bucyrus	LPTV)		2241	WICZ	40 NY	765
11 tr 2000	KRZB 26 AR 435			0106	WKBS	47 PA	630	2312	K54##	54 OK	???
	OKC 14,25,34,43			0119	W36AB	36 MD	595		(Unknown	OETA)	
	KOED 11 OK 415				(Oakland	w/WRHT-31)		2358	WBRE	28 PA	760
	(Best ever)				W36AB	37 MD	595	28 tr 0042	W48AA	48 WV	620
2010	KLTJ 49 TX 640				(Phantom xltr	WFLD-32)			Keyser	w/KNLC-24)	
	KXTX 39 TX 640			0121	WOWK	13 WV	455	0049	@WWCP	8 PA	
	KTXA 21 TX 640				@WCHS	8 WV	495		(Also ch 23 ID)		
2130	KMSS 33 IA 580			0126	WTOV	9 OH	515	0129	WLYH	15 PA	750
	KTVE 10 AR 520			0130	WPGH	53 PA	550	0130	WYOU	22 PA	775
	(Under WGEM-10)			0140	CITY2	31 ON	525	0141	WVMS	26 CT	960
2200	WXVT 15 MS 495			0147	@WTRF	7 WV	520	0213	K28AC	28 OK	575
	KLIM 13 LA 560			0156	W58AM	58 OH	515		(Ardmore	w/WHO -13)	
2305	WNTZ 48 MS 625				(Youngstown	w/WRGT-45)		0217	W26AA	26 NY	600
	Huntsville 19,			0312	K66BV	66 MI	405		(Jamestown	w/WHME-46)	
	31, 48, 54 455				(Detroit	SIN)			(Cutting on and off)		
2339	WIRT 26 AL 425			0317	W41AA	41 WV	520	0230	WDCA	20 DC	725
	KLMG 51 TX 600				(Martinsbrg	w/WJET-24)		0255	WBNGT	12 NY	
12 tr 0000	=KTXA 21 TX 640				WJET	24 PA	555	0405	@WNEP	16 PA	775
0024	WGNX 46 GA 575			0425	&W67AL	67 OH	500	0414	K36AB	36 OK	595
0500	WDBB 17 AL 535				(Eastlake	WVIZ-25)			(Lawton	w/WTHR-13)	
0530	WIVC 9 TN 475				WPXI	11 PA	550	0435	@WKYC	3 OH	475
	WIVA 9 MS 450			0428	WTAF	29 PA	810	0437	&SWIT	30 CT	935
0532	WCPL 18 GA 510			0446	&WBOY	12 WV	550		(ID'd test pat)		
16 tr 2030	WWT0t 35 IL test				(Round ID'd TP)			0454	&WENY	36 NY	720
21 tr 1802	WUNE 17 NC 560			0449	W64AK	64 OH	550		(ID'd test pat)		
1845	WSBN 47 VA 500				(Conneaut	WVIZ-25)		0503	@WNED	17 NY	620
	(Over WIVP-47)			0515	@WTAP	15 WV	480	1757	W60ABt	60 WV	
1847	WGGT 48 NC 660			0520	WVIA	44 PA	770	1759	WMPB	67 MD	735
1900	WNRW 45 NC 630			0524	W63AB	63 PA	700		(Station #800)		
2310	WDBJt 7 VA				(Mansfield	WVIA-44)		1844	W62AY	62 MD	700
	(0 kHz to KHQA)				W65AH	65 OH	415		(Frederick	WMPT-22)	
24 tr 1100	WYMT 57 TN 450				(Loudonville	w/WVIA-44)		1855	WETG	66 PA	555
	WSBN 47 VA 500			0550	WPCB	40 PA	575	1916	WTGI	61 NJ	780
1938	W57AU 57 IN 255			0556	&WQED	13 PA	550		(DE w/NJ xmr - RATS)		
(Columbus	TBN)				(Round ID'd TP)			1925	WIUV	21 MD	735

Jeff Kadet (continued)		29 tr 1032	WSBN 47 VA 500	30 tr 0339	KSAT 12 TX 890
		1100	WPBY 33 WV 455		KBVO 42 TX 815
28 tr 1932	W72AT 72 PA 735	2145	WLJT 11 TN 350	0408	K28AC 28 OK 575
(Towanda WVIA-44)		30 tr 0015	WTRT 26 AL 425	(Ardmore w/KERA-13)	
1936	W65AA 65 PA 715		Huntsville 31,	0503	KERA 13 TX 640
(Canton, Troy WVIA-44)			48, and 54 455	0619	KWIXt 10 TX
1959	WNJB 58 NJ 850	0045	KXIX 39 TX 640	0624	KXXV 25 TX 725
2015	WFTV 50 DC 725	0126	KLITJ 49 TX 640	0643	WOUB 20 OH 450
29 tr 0740	WVHT 68 NY 855	0130	KTXA 21 TX 640	0655	@KTIV 36 TX 815
0743	WLVT 39 PA 790	0133	KLMG 51 TX 600	0725	KNCT 46 TX 760
0747	WSNL 67 NY 905	0213	KIVT 11 TX 640	2140	WCLQ 61 OH 475
0820	WXTV 41 NJ 855	0328	WLYJ 46 WV 550		WUAB 43 OH 470
0829	WLIG 55 NY 935		(Best ever)		

After a dismal August-October tropo season, all #1&#! broke loose here during the fourth week of November. It was the most spectacular tropo session ever experienced by this DX'er.

Furthest east reception consisted of WIWS-26 at 960 miles away. A day later, KSAT-12 was seen at 890 miles, my furthest southern catch and furthest VHF tropo.

Translators from Oklahoma and New York were coming in at the same time. A translator on channel 28 from Oklahoma was picking up WIHR-13 from 750 miles away! Connecticut is tropo state number 30.

One interesting event was seeing W36AB in western Maryland putting WRHT-31 onto channel 36 with heavy WMBD-31 0 kHz offset CCI. It was like having a remote TV camera on the opposite side of the opening. Out here, it was WMBD-31 with heavy WRHT-31 0 kHz offset CCI.

More amazing, though was seeing WFLD-32 video on channel 37. W36AB was picking up WFLD's strong adjacent channel signal and phantomly broadcasting it onto channel 37.

WVHT-68 was in rock solid with their shopping service, dominating the channel for hours. WPGH-53 was a solid regular for two days.

In other news, tentative WWIO-35 was seen testing with a white square against a black background during the evening of the 16th. No ID was caught, but I'm pretty sure that it was them. They haven't been on since. For that matter, KOIA-15 was on for a month or so last June and July and hasn't been seen since either. The only ads they carried were for the Ottumwa Public Transportation System, which could explain something.

W57AU, W68BN, and W54## appear to be relatively new to the air. The channel 54 was parralel to W22AE, which is apparently no longer scrambled. They gave all sorts of W22AE ID's, but the only reference to channel 54 was a "22/54" atop the screen during a local public service announcement.

K56CA has been on with a color bar test pattern with calls for the past month. I think they have actually kept it on for 24 hours a day. It's location is unknown, but it seems to be coming from the direction of Cape Girardeau. Tentative K18AM, Ponca City, Oklahoma was in with religious programming which is different than the country-western music videos they carried last year. The UNID Oklahoma ETV translator on channel 54 has a heading slightly north of Tulsa. 73

(Jeff, refer to Bueneman's report for information about K56CA, my comments after Eckberg's report about the channel 54 relay of W22AE, and my comments after Pizzi's report about the channel 54 OETA translator. With regard to your report of W69AO with WXON-20, isn't that translator's input, channel 44 for WOUU-44? fm)

Eric Bueneman, 836 Lamplight Lane, Hazelwood, MO 63042-3407

CST

Equipment: Samsung 19" color TV, Panasonic 12" black & white TV, el cheapo rabbit ears, UHF bow-tie, Archer VU-110, Winegard UHF antenna with Archer inline amplifier for UHF at 540 feet ASL.

November 1986		28 tr 0016	WICD 15 IL 150	28 tr 2151	WHIO 7 OH 340
		0020	WHMB 40 IN 240	2218	WESH 8 IN 240
10 gw	K56CA 56 MO 15	0032	WPSD 6 KY 155	29 tr 0028	KAIT 8 AR 200
(St. Louis LPTV-ACTS)			(On FM receiver)	1800	WKLE 46 KY 330
26 tr 1830	Evansville 7,14, 25, 44 165	0051	WFHL 23 IL 110	1802	WISU 26 IN 170
	2105	0102	=KBSI 23 MO 115	1811	WCIU 26 IL 260
	WXIN 59 IN 240	1038	WEVV 44 IN 165		(1st since 1984)
28 tr 0010	ROAM 7 KS 260	1039	WEHT 25 IN 165	1858	WGRB 34 KY 290
	(1st since 1981)	1040	WFIE 14 IN 165	1910	WZTV 17 TN 270
0014	WFIE 14 IN 165	1046	KCPT 19 MO 225	1928	KFVS 12 MO 115
0015	KSNF 16 MO 250	1336	WYZZ 43 IL 150	1930	KOZK 21 MO 190

Eric Bueneman (continued)

Tropo on November 28-29 almost non-stop! November 28 had tropo extending from Kansas City to Indianapolis and on the 29th from Springfield, Missouri to Lima, Ohio! This was just as much of a field day as June 10-11!

The big surprises were KAIT-8 (sound only - video was from KOMU-8) and WZTV-17 (nonID as Z-17) with no sign of either WAND-17 or KMIZ-17.

K56CA, St. Louis is now on, signal is far worse than K52AY! With 100 Watts compared to 52's 8.8 kW exp, it's no wonder. That's all for now, so until next report, 73 from E.B.

(Eric, I think the 100 Watts for K56CA is transmitter output power. One source lists the effective radiated power for that station as 1.24 kW and the antenna height as 480 feet above ground level. fm)

William Draeb, Ellis St., Rt. #2, Kewaunee, WI 54216

CDI/CST

Equipment: 7' Finco dish, B-T QMA-Ub preamp @ 93', .750 cable. Stacked Finco high band yagis with B-T AB-3 (tube type) preamp @ 100' with RG/11 cable. Second tower, 40', with Winegard CH-2026 (lo-band) and Winegard SC713 (hi-band) yagis. Hi-band uses AB-300 preamp. Zenith 14N22 table model 23" b&w (1971) with B-T BTU-2s UHF converter (used for UHF and also the stacked hi-band yagis) and Zenith 16J20 19" b&w (early 60's) (used with antennas on 40' tower), and Panasonic 9" b&w portable.

October 1986			19 tr 0700			6 tr 1759		
7 tr 0740	WBGU	27 OH 292		WUTV	29 NY 445		WQLN	54 PA 405
	WTVQ	36 KY 473		CIII22	22 ON 413		WSEE	35 PA 405
0751	WCET	48 OH 400		WNBO	45 OH 405		WBNX	55 OH 380
	WKON	52 KY 437		WKLE	46 KY 473		WPGH	53 PA 480
8 Es 1750	WEDU	3 FL 1192		WCET	48 OH 400	1808	WKBS	47 PA
1814	WESH	2 FL	0716	WKON	52 KY 437		(Snow free)	
1825	WUFT	5 FL		WKBN	27 OH 420		WOAC	67 PA 395
1830	WJXT	4 FL	0812	WXIX	19 OH 400	1820	WUTV	29 NY 445
	WCPX	6 FL		WPBO	42 OH 461	1825	WKBN	27 OH 420
10 tr 1818	WCET	48 OH 400		WTVQ	36 KY 473	1830	WDAU	22 PA 630
12 tr 2035	WCET	48 OH 400	1030	WOSU	34 OH 395		WNEO	45 OH 405
2045	WHIZ	18 OH 400	1153	CBFLT	25 ON 410	1838	WOUC	44 OH 427
	WOSU	34 OH 395		WDRB	41 KY 437		WEAO	49 OH 380
2137	WITE	28 OH 395	2055	WKPC	15 KY 437	1843	WTVF	51 PA
17 tr 1900	WGBA	26 off air	2144	CIII22	22 ON 413		WNEP	16 PA
	WIJC	26 OH 368		Cleveland UHF's		2158	WDAU	22 PA 630
	WCIU	26 IL		(Snow free)			(Snow free)	
	Other	NW OH U's	21 tr 0759	WTLJ	54 MI 115	2207	WVlat	44 PA
	WOSU	34 OH 395	1022	WHIZ	18 OH 400		WBRE	28 PA 630
18 tr 0604	WTVR	16 IL 378	31 tr 0600	KNLC	24 MO 432	2211	WNEP	16 PA 630
	KDNL	30 MO 432		KDNL	30 MO 432	7 tr 0500	WUTV	29 NY 445
2045	WNEO	45 OH 405					CBFLT	25 ON 410
	Other	Ohio UHF's	November 1986				CIII22	22 ON 413
2053	WKHA	35 KY 553	4 Es 1915	unids	chs 2-4 s		CICA	19 ON 410
	WSBN	47 VA 587	2016	KATC	3 LA	21 tr 1820	WUSI	16 IL 405
	WKSO	29 KY 538		WESH	2 FL		WDRB	41 KY 437
	WKLE	46 KY 473	2026	unid	channel 5		WGRB	34 KY 508
	WCET	48 OH 400	2030	KPRC	2 TX		WTVQ	36 KY 473
	WYMT	57 KY 553	6 tr 0800	WXIX	19 OH 400		WFIE	14 IN 420
	WTVQ	36 KY 473		WCET	48 OH 400		WCTE	22 TN 589
	WOSU	34 OH 395		WIII	64 OH 400	1827	WAFF	48 AL 685
	WPBO	42 OH 461		WTVQ	36 KY 473		WCET	48 OH 400
	WITE	28 OH 395		WKON	52 KY 437	1830	WXIX	19 OH 400
	WKYT	27 KY 473		WKLE	46 KY 473		WHNT	19 AL 685
	WKPI	22 KY 551		WPBO	42 OH 461		WHIQ	25 AL 685
	(Over WSBT, WKEF)		0822	WDKY	56 KY		WKSO	29 KY 538
	WXIX	19 OH 400	0834	WFIE	14 IN 420	2015	WEVV	44 IN 420
	WDRB	41 KY 437		WVUT	22 IN 402		WEHT	25 IN 420
2115	WDKY	56 KY 496	1232	KDNL	30 MO 432		WKHA	35 KY 553
	WGRB	34 KY 508		WKSO	29 KY 538		WYMT	57 KY 553
2134	WSEFJ	51 OH 395	1245	WYMT	57 KY 553		(Mountain 57 Nk)	
2155	WLEX	18 KY 473		WDKY	56 KY 496	2024	WZDX	54 AL 685
19 tr 0335	CITY2	31 ON 347		WSBN	47 VA	2106	WBNG	42 AL 768
	CHMT	47 ON 410	1759	WPIM	43 PA 634	2117	WPBO	42 OH 461
	CITY	57 ON 410		(Snow free)			WNRW	45 NC
							WGGT	48 NC

William Draeb (continued)

21 tr 2117	WKON 52 KY 437	25 tr 0700	KDNL 30 MO 432	27 tr 2300	WDLI 17 OH 395
	WMSYt 52 VA		KNLC 24 MO 432		WFMJ 21 OH 420
2132	WVAH 23 WV	0818	WUSI 16 IL 405	2320	WYTV 33 OH 420
2146	WSBN 47 VA 587		WFIE 14 IN 420	28 tr AM	same as previous day, except MO
2151	WCAJ 68 AL 768	1239	WEHT 25 IN 420		Pittsburgh UHF's
	WKMJ 68 KY 437		WCET 48 OH 400	2028	WPBO 42 OH 461
	WTTot 21 AL		(Snow free)	29 tr 0700	WCET 48 OH 400
2158	WCLP 18 GA 693	2159	WIII 64 OH 400		WXIX 19 OH 400
	(Snow free over everything on channel 18)		W64AF 64 OH	0800	WSBN 47 VA 587
2200	unid channel 60 (Gadsden, AL t)		(Commeaut WVIZ-25)		WTVQ 36 KY 473
2222	WKZT 23 KY 473	27 tr 0830	CBLFT9 68 ON 265 (Rare)	0815	WMSY 52 VA 617
2224	WKPT 19 TN 612		Louisville, Lexington, Cincy, Evansville UHF's		WTVt 42 NC (Under WPBO)
2230	Wouc 44 OH 427		WKON 52 KY 437	0839	WYMT 52 KY 553
2302	WCAJ 30 TN 585		WGRB 34 KY 508	1333	(AM DX still in)
	WETO 39 TN 630		WCVN 54 KY 407		WKON 52 KY 437
2311	WNALt 44 AL		WKSO 29 KY 538		WKLE 46 KY 473
22 tr 0807	WCET 22 TN 589		WOSU 34 OH 395		WGRB 34 KY 508
	WSJat 28 TN	0842	WKHA 35 KY 553	1346	WKHA 35 KY 553
0828	WKSO 29 KY 538		WPBO 42 OH 461	1400	WKPT 19 TN 619
	WKHA 35 KY 553		WDKY 56 KY 496		WCET 22 TN 589
	WYMT 57 KY 553	0919	KSPR 33 MO 588		WDRB 41 KY 437
0830	WCET 48 OH 400		KNLC 24 MO 432	1406	WKMA 35 KY 499
	WSBN 47 VA 587		KOZK 21 MO 588		WKSO 29 KY 538
	WKPT 19 TN 612		(Above 3 snw fre)		WSJat 28 TN
1334	WOSU 34 OH 395		KSNFt 16 MO	1410	WFIE 14 IN 420
	WITE 28 OH 395		KDEB 27 MO 588		WEHT 25 IN 420
1441	WKON 53 KY 437		KDNL 30 MO 432		WZIVt 17 TN
1732	WDRB 41 KY 437		WSFJ 51 OH 395	1418	WUSI 16 IL 405
	WPTT 22 PA 480		WXIX 19 OH 400	1422	WAFF 48 AL 685
	WQEX 16 PA 480		(Snow free)	1522	KDNL 30 MO 432
2013	WNEO 45 OH 405		WLCnt 19 KY		KNLC 24 MO 432
	WEAO 49 OH 380		Evansville UHF's (Snow free)	1757	WEVVt 44 IN
	WBNX 55 OH 380		CBLFT9 68 ON 265		WMSY 52 VA 617
2022	WGCN 52 OH 321	1053	WKMJ 68 KY 437	2030	WIII 64 OH 400
	WPGH 53 PA 480	1620	WHIZ 18 OH 400	2044	WZTV 17 TN 585
2058	WDKY 56 KY 496	2100	WPTT 22 PA 480		St. Louis 24, 30 over Milwaukee
24 tr 2012	WCET 22 TN 589		WITE 28 OH 395	2103	WKGB 53 KY 551
	WCET 48 OH 400		WNEO 45 OH 405	2136	WVUT 22 IN 402
	WKON 52 KY 437		WGCN 52 OH 321	2233	WKLE 46 KY 473
	WTVQ 36 KY 473		Wouc 44 OH 427	30 tr 0710	KNLC 24 MO 432
	WKHA 35 KY 553		WPGH 53 PA 480		KDNL 30 MO 432
	WKSO 29 KY 538		WPCB 40 PA 480		KTVPt 29 AR
2018	WXIX 19 OH 400		WQEX 16 PA 480	0814	WCET 48 OH 400
	WGRB 34 KY 508	2200	(Peaked at 2213)		WTVQ 36 KY 473
	WDRB 41 KY 437		WEAO 49 OH 380		WKLE 46 KY 473
	WDKY 56 KY 496		WBNX 55 OH 380		WKSO 29 KY 538
		2225	WOAC 67 OH 395		WKON 52 KY 437

Lots of DX, especially during the past week. A few notes: about WPCB-40 and WKBS-47, they seem to be in parallel with one another. Their ID's reflect this also as both stations calls are given no matter which one you watch. (I show WKBS-47 as a satellite of WPCB-47. fm)

New semi-local WTLJ-54, Muskegon, Michigan started on October 21 with 5000 kW at 1000'.

CITY-2-31 (Woodstock, Ontario) was seen on October 19 with the same programming as CITY-57 which was also in.

About October 21 opening: WCAJ-68 surfaced above the snow when WBMG-42 peaked at nearly snow free and WCLP-18 came out of nowhere and overrode everything on channel 18 at the time.

Bob Seybold called this morning (November 30) and said he saw stuff from Texas, Oklahoma, Kansas, etc. Nothing from that particular area here. The reason for his extra long catches (as for mine) was the large amount of ground fog along the Ohio River basin. He was in a better position to take the most advantage of it (lengthwise), as I was unable to do, but only utilized it crosswise. In other words, where you live has to do with the amount of DX you're going to see and not necessarily reflects on the sophistication of your DX set up, although it helps. That's all for now, 73's, Bill

ANARC UPDATE

SPECIAL REPORT

We now pre-empt the regularly scheduled ANARC Update for a special report on the Electronic Communications Privacy Act of 1986 from Robert Morvitz, the Government Affairs Liaison for ANARC. The regular Update will be presented next month in its entirety.

Preliminary Analysis of the Electronic Communications Privacy Act

The Electronic Communications Privacy Act of 1986 (ECPA) passed both Houses of Congress at the start of October. The radio provisions of the ECPA go into effect 90 days after it is signed by the President - that is, sometime in mid-January, 1987. The final draft of the bill is printed in the October 1st issue of the Congressional Record, starting on page S-14441. Here is a preliminary analysis of the new law as it affects radio monitoring.

(Note: The Senate Judiciary Committee's report interpreting the ECPA has not yet been released. Without that report, our analysis cannot be complete or definitive.)

What the ECPA Does

The ECPA amends US Code Title 18, Chapter 119, the federal law governing the interception of "wire" and "oral" communications, to protect a new legal category, "electronic communication." It sets new rules for electronic surveillance by law enforcement agencies, and for investigative access to electronic mail and computer files. It also increases criminal penalties for malicious interference with satellite transmissions.

"Electronic communication" is defined as "any transfer of signs, signals, writing, images, sounds, data, or intelligence of any nature transmitted in whole or in part by a wire, radio, electromagnetic, photoelectronic or photooptical system that affects interstate or foreign commerce, but does not include--

- (A) the radio portion of a cordless telephone communication...;
- (B) any wire or oral communication;
- (C) any communication made through a tone-only paging device; or
- (D) any communication from a tracking device..."

Radio and wire transmissions are thus merged in this new term. However, the new law also retains and adapts the earlier legal definition of "wire communication" as a category separate from "electronic communication." "Wire communication" now means voice telephony, regardless of whether transmission is by wire or radio. The term "oral communication" is clarified to exclude voice transmissions by wire, radio or other electronic means. In other words, non-voice communications by wire are considered "electronic" communications, as are communications by radio which do not involve telephone transmission.

Unauthorized interception of the radio portion of a "wire" or "electronic" communication carries lesser penalties than does interception of the wire segment of the same communication - if it's not for an illegal, commercial or "tortious" [lawsuit-susceptible] purpose. See the "Penalties" section, below, for details.

What May Legally be Monitored

- * Any marine or aeronautical radio communication
- * Any Amateur, CB or General Mobile Radio Service transmission
- * Any communication transmitted "for the use of the general public, or that relates to ships, aircraft, vehicles, or persons in distress"
- * The radio portion of cordless telephone communications linking the handset and base unit
- * Tone-only paging signals
- * Certain types of audio subcarriers (to be specified in Senate report)
- * Signals causing harmful interference to "any lawfully operating station or consumer electronic equipment, to the extent necessary to identify the source of such interference"
- * Satellite transmissions of "network feeds," some audio subcarriers, and cable programming covered by Section 705(b) of the Communications Act
- * Any governmental, law enforcement, civil defense, private land mobile,

or public safety (including police and fire) radio communications system which is "readily accessible to the general public"

- * Any other electronic communication made through a system "configured so that such electronic communication is readily accessible to the general public"

In most cases, radio communications defined as NOT "readily accessible" will be illegal to monitor, unless one of the above exemptions applies. "Readily accessible to the general public" is defined to mean that the communication is NOT:

- scrambled or encrypted;
- "transmitted using modulation techniques whose essential parameters have been withheld from the public with the intention of preserving the privacy of such communication" [the House report says this means spread-spectrum signals];
- "carried on a subcarrier or other signal subsidiary to a radio transmission;"
- "transmitted over a communication system provided by a common carrier" (except for tone-only paging signals);
- transmitted on frequencies allocated under FCC rules part 25 [communication-relay satellites]; part 74(D) [remote broadcast pick-up stations]; part 74(E) [aural broadcast auxiliaries, including studio-to-transmitter links]; part 74(F) [television broadcast auxiliaries & studio-to-transmitter links]; or part 94 [private fixed microwave].

Similarly, marine and aeronautical radiotelephone signals are legal to monitor. (In contrast, phone-patches in the 800 MHz Specialized Mobile Radio service are legally protected, since the phrase "readily accessible" qualifies the exception for private land mobile radio, which includes SMRs.)

The forthcoming Senate report on the ECPA is expected to identify types of audio subcarriers that may legally be monitored, even though the new law declares all subcarriers to be "inaccessible." (Taken literally, that makes listening to FM stereo broadcasts, and the audio portion of TV broadcasts, federal crimes!)

Although broadcast remote pick-up (RPU) stations authorized under FCC part 74(D) are declared to be "inaccessible," they operate near 26, 153, 161, 166, 170, 450 and 455 MHz, usually with city-wide audio coverage. Used by broadcasters to coordinate the coverage of events outside the studio, RPUs can be received on most scanners. Indeed they are favorites among scanner owners because of their newsgathering role. As a result of an amendment introduced by Sen. Paul Simon at ANARC's request, the ECPA creates no criminal liability in monitoring RPUs when the monitoring is for no bad purpose (but see next section for civil liabilities).

Penalties

For most unencrypted radio communications protected under the ECPA, intentional unauthorized interception carries a criminal penalty of up to one year in jail and/or a fine of up to \$100,000 - for a first offense which is not for a bad purpose - i.e., "not for a tortious or illegal purpose or for purposes of direct or indirect commercial advantage or private commercial gain."

If it is a "public land mobile radio service" communication (i.e., a cellular or a traditional IMTS radiotelephone call), or any type of paging except for tone-only, and the signal is not scrambled or encrypted, and if the interception is intentional but not for a bad purpose, the penalty for a first offense is a fine of up to \$500.

If the communication is scrambled or encrypted, or the interception is for a bad purpose or is a second or subsequent offense, the penalty is up to 5 years in jail and/or a fine of up to \$100,000.

Intentional interception of an unencrypted part 74(D) transmission, without bad purpose, carries no criminal penalties. However, the federal government may seek a court injunction against a specific interceptor, and assess civil damages of up to \$500. Any violation of the injunction carries with it a mandatory \$500 civil fine, liability for any actual damage suffered by the plaintiff, or statutory damages of up to \$1000.

Any criminal violation of the ECPA exposes the interceptor to civil liabilities (risk of a lawsuit). For any violation other than those described in the last paragraph, courts may reclaim any profits made from or damages caused by the interception, or assess statutory damages of \$100 for each day of violation, or \$10,000, whichever is greater.

GA (Hawthill) WJYE 95.3 h. \$ studios to be in Tifton, along with WTIF (AM)
 ID Blackfoot KLCB 97.3 k (affects 1 translator)
 ID Boise KQFC 97.9 k (country)
 KCIX 105.9 (rock)
 ID Emmett KIC-FM 101.7 k
 ID Idaho Falls KID-FM 96.1 m (affects 1 translator)
 ID Lewiston KATV 101.5 fm
 ID Orofino KLER-FM 105.3 k (affects 1 translator)
 ID Rexburg KADQ 94.3 r
 KKOT 98.3 m
 KY Louisville WVEZ 106.9 m (Format 41)
 MT Havre KNMC 90.1 r, per "Future Hits" program in which other stations carrying the show are mentioned
 NJ Trenton WVLT 92.1 m (Format 41)
 NY Fulton-Syracuse WKFM 104.7 r (from CHN)
 NY Rensselaer WQCK-FM 103.9 r, "Q93 FM 104"
 OH Akron WAUP 88.1 r ("college rock" daytime; "rap," "evangelical, ethnic weekends")
 OH Cambridge WCMJ 96.7 m, "artists like Kenny Rogers and Barry Manilow"
 OH London WCKX 106.3 s, "urban soul"
 OR Eugene KLCB 89.7 (and translators) js, "jazz and some blues, soul, folk and electronic music"
 KRVM 91.9 pj, "progressive rock and jazz"
 SC Charleston WXLX 102.5 r, "Classic Hits 102.5"
 VT Manchester WEQX-FM 102.7 now p format—"from rllm"

NonIDs, Often Displacing Cali Letters In On-Air Mentions

AL Athens WZYP 104.3 no nonID, not saying "ZY" any more
 AZ Casa Grande KBBT 105.5 KB-105, fm (Satellite Music Network)
 AZ Oracle KTTZ 103.1 Z-103 (its Tucson translator, K269CY 101.7, even advertised on Tucson billboards)
 CA Los Angeles KLSX 97.1 Classic-Rock 97.1
 CO Grand Junction QXJ 93.1 93-QFM
 CT Danbury WDAO 98.3 Lite 98-FM, m
 FL Palatka WNFJ 99.9 i-100 (back to)
 FL Quincy WIOI 101.7 (calls formerly in Tampa, 100.7), Power Hits, rs
 FL Sarasota WSRZ 106.3 Z-106, r
 IL Champaign WLWX 94.5 no nonID, always mentions call letters
 KS Colby KQLS 100.3 LS Radio
 LA Tallulah KBYO 104.9 Bayou-105 ("I think they say it like 'Buy-Oh,' or is it 'Buy-Yooh?")

the
great
98
WGT

ME Portland WWTG-FM 97.9 WGT, "announcers drop the first 'W' when identifying WWTG; it's neat to be the only station in the market that has three [sic] call letters"... it may be more than coincidence that "WGT" rhymes with "WBZ" Boston...
 MA Hyanis WCOD 106.1 106-FM
 MA Orleans WKPE-FM 104.7 Cape 104.7 FM
 NY Albany WKLI 100.9 K-Lite 101
 TX Brownsville KRXX 99.5 The X 100.3 K-Tex (KTXF)
 TX El Paso KPRK 102.1 Power-102, r
 VT Burlington WEZE 92.9 93-FM-EZ Favorites
 VA Harrisonburg WQPO 100.7 Q-101 (not Q-100-7) WJSY 104.3 Y-104
 VA Orange WJWJ 96.7 Z-96
 WI Eau Claire WAXX 104.5 Wax Radio (not strict)
 MEXICO Reynosa, Tab. XIAAA 93.1 La Diferencia en Radio

Off The Air—Or Not Yet On

AZ Tucson K280CE 103.9
 AZ Winslow KRIM 95.1
 ID Caldwell KLDI 102.1, "left the air last spring, but may return as they were installing their transmitter on Deer Point" (where it snowed)
 ID Chubbuck KRCD 98.3 "still not on the air"
 ID Soda Springs KFIS 100.1 said to be off the air along with their AM, "but only broadcast some sort of satellite-rock format with quarter-hour ID breaks"
 NY Loudonville WVCB 88.3, Siena College. "Has been off the air for over a year. The college is liberal arts and apparently there are no engineering personnel to maintain the transmitter located southwest of Albany in the Helderberg Mountains"
 VA Portsmouth WNH 88.7 "missing from otherwise complete FM station listing in Virginia Pilot-Ledger Star; same newspaper lists off-air"
 96.1 Cape Charles VA.
 WV Sutton WCKA 97.1 "Where is WCKA?.. unable to locate it after several trips through area"

Deletions

CO Durango K272AW 102.3, "This translator has not been operational, to my knowledge, for some time"
 ID Lewiston KJLC 97.7 "never came on the air. Major funding cutbacks by the state have pretty well cancelled KJLC and even possibly Lewis & Clark College. There have been some recommendations by state officials to close it"
 IL Springfield W207AD 89.3 "unable to get primary station WJCH 91.9 Joliet because of local WSSR 91.9 Springfield
 NM Albuquerque K240BL 95.9 "The translator listed at 95.9 for KISZ is not in operation and was never constructed. As this was authorized prior to our acquiring KISZ, I do not know what its status is. I do know that there were some problems receiving KISZ in Albuquerque since KARS 97.7 Belen went on the air"
 K296CO 107.1 "The translator no longer carries KSSS and to my knowledge is not operational."
 TX Sulphur Springs K252BQ 98.3, replaced by K252CN (see New Stations, Translators Granted, above)

Call Letters Granted

AL Alexander City WSTH-FM (WSTH); nonID assumed retained
 AK Ketchikan 106.7 KGTW
 CA Chualar 90.9 KHDC (from KUBO)
 CA Lompoc 92.7 KBOX (from KXCC-FM)
 CO Crested Butte 90.3 KBUT (KIEG)
 ID Nampa 94.9 KFSD-FM (not KFML); affects 1 translator
 96.9 KFML (KBNY); affects 1 translator
 IN Connorsville 100.3 WIFE (WCHB); AM which had been WIFE now WCNB; WIFE format k (country)
 KS Wichita 95.1 KICT-FM (KICT); nonID assumed retained
 ME Brewer 100.9 WGUY-FM (WGUY); nonID assumed retained
 MI Gladstone 105.5 WWTM (WVIA)
 MI Harbor Beach 105.5 WFBM (WWTM)
 NE Kearney 98.9 KKPR (KRN-Y-FM)
 NM Albuquerque 93.3 KKOB-FM (KOB-FM); affects 4 translators
 OK Hekaldon 105.5 KTYX (KZEA)
 OR Newport 102.5 KYQT (KNPT-FM), "QT-102, their fourth call change in a little over 2 years"
 TN Tullahoma 93.3 WKQD-FM (WKQD); nonID assumed retained

NC Hendersonville 102.5 WMYI (WKIT) January, 1987
 TX Austin 96.5 KKMJ (KLJT) "Magic"
 TX Hamlin 103.7 KWZD (KRBS)
 WV Ravenswood 102.3 WRAU
 BC Chilliwack 107.5 CKSR-FM (not CKSR; CKSR [TV] is in Santa Rosa BC, ch. C8; would "Star FM"; calls for 104.9 Abbotsford not known, simulcasts with 107.5. Abbotsford also known as "Star FM" and "has very good coverage over northwestern Washington state")
 MEXICO Chihuahua, BJ 89.9 XHSOL (XHMM-AM), "Stereo soul," (fairly strict but gives calls about twice an hour, & [soul])

F Mistakes, VUD Columns

CA San Diego KZZ-FM 105.5 frequency missing Nov., p. 55
 FL Lakeland WQIE p. 41, col. 3, Sept. p. 97 (not 96)
 FL Orlando WBJW-FM 105.1 freq. missing Nov. p. 54
 GA Atlanta WRF 89.3 p. not mentioned, Sept. (p. 129)
 HI Kahului KHUI 99.9 town misspelled, Oct. p. 54
 IL Elgin WJKL dual ID with Schaumburg (town misspelled, Sept. p. 41)
 KY Smiths Grove WJLC 107.1 on p. 102 (not 133), VUD, Sept. p. 41
 ME Bangor calls WYOU-FM 97.1; WYOU-TV is in Scranton PA (not Sharon), Nov., p. 55
 MA Springfield WFFF 93.1 p. not mentioned, is 136, Sept. p. 41
 MI Coldwater WNNW 98.5 frequency missing Nov., p. 55
 MS Clarksdale on p. 106 (not 152), Sept. p. 41
 MO Thayer and Maryville, p. not mentioned (p. 146), Sept. p. 42
 NE Cozad KOOC 104.5 on p. 158 (not 155), Sept. p. 42
 NJ Mahanawick WJRZ is 100.1 (not 10.1), Nov., p. 54
 ND Grand Forks KKKL-FM 92.8 p. not mentioned (is 136), Oct. p. 30
 OR Lincoln City KTOD r (not KTOD), p. 113 (not 102), Oct. p. 30
 PA Bellefonte 95.3 WZVW (not WZNV), Nov., p. 55
 PA Indiana WQMU p. not mentioned (is p. 114), Sept., p. 42
 RI WJHU 90.7 is Portsmouth (not Providence), Sept., p. 42
 VA Marion WOLD-FM 102.3 p. 119 (not 19), Sept., p. 42
 WY Translators of KLGST 92.7 Buffalo, pages not mentioned, Aug. p. 38 (are pages 79, 122)
 PR Carolina WIDA-FM (not WIDA-FM), Oct. p. 31, "Couldn't read my writing again, huh? I can't get a hold of a typewriter so I'll try to write larger..."
 AT High Level, now 80.1, Nov. p. 54 update: "Is approximately 300 km north of Peace River, 190 km west of Jean D'Or, 100 km east of Chateau, at the junction of Highway 35 (the main route between Alberta and NWT) and Highway 58"

SEE ALSO DEC. VUD FOR:

GA Bainbridge WJAD 97.3 apparent new nonID, "The Hot FM," Smolarek, p. 22
 GA Columbus WFXE 104.9 Fox-105 nonID, Pugh, p. 29
 GA Cumming WVEV 91.5 listed as "s," p. 26 (Pugh), "when it's actually still g (probably a typo)"
 GA Valhalla WAAC 92.9 apparent new nonID of "Mason-Dixon 93," Smolarek, p. 22

KY Paducah WKYC 93.3 apparent new no-ID,
"24 Carat Country," Smolarek
1. 22
"E Belfast" WKYC 104.7 not known if station
is Stereo or not, Pugh, p. 30
ME Lewiston W4YU 93.9
questionable format change to rock from k,
Pepin, p. 24
MD Baltimore WJHU *88.1 directional
antenna use, Fela, p. 24
NH Keene WKNE-FM 103.7 "Magic
104 KNE-FM," nonID, Pepin, p. 23
NC Lexington WKQX 94.1 Q-94
nonID, Dyer, p. 26
TN McKenzie WMYN 106.9 Win-107
nonID, Smolarek p. 22
VT Rutland WJIR 98.1 multi city IDs
including Lebanon NH and Glens Falls NY,
Pepin, p. 23

fMedia!

See Jan. issue of FMedia! (my new newsletter) for the following features: "FM Mistakes, 10th ed. FM Atlas," "Multi-City Identifications," "FM Rule Making Proposals," "FM Rulemakings, Finalized (with filing window dates)," "SCS-circles, 57, 67 and 92 kHz."

Charter subscriptions —
to include all 12 1987 issues for DXers now being accepted at \$18 from "FM Atlas Publishing," Adolph MN 55701-0024.

Editorial content of FMedia! will only be partially simulcast with the VUD's "FCC-FM Column," with considerably more original writing that I plan to do. A feature I plan to put into the first issue is "FM Radio Still Needs Help," harping on the need for mandatory all-channel FM-AM radio legislation, just as I first wrote about in 1967. (A letter in a recent issue of "Broadcasting" magazine cited the need for all-channel radio legislation to benefit AM broadcasters, but I can point out how such a law would benefit FM!)

Deadline for FMedia! will be later than for this column, with later news in the newsletter, but it may arrive later in the month than does the VUD. In fact, my continued ability to do the VUD column is in question, and I may have to give this column up, or reduce it to a fraction of its former size. There are indications that I am competing against myself, with VUD readers not subscribing, thinking they'll get the same news here. You'll see that certain features have left my column in favor of the newsletter, and this trend could continue. That way, there will be little duplication of effort between the two publications, and the VUD will be thinner, saving mailing costs.

Readers Reports

"Marty Barvinchak's idea to use 'a' for album oriented rock is an interesting one. For many years, album rock has been represented by a dual 'rp' symbol, under the assumption that it's somewhere between rock (r) and progressive rock (p), or a mixture of the two," writes Nick Lombardi. "This same logic applies to the listing of soft rock stations as 'pm,' or a mixture of rock and middle-of-the-road. Unfortunately, this point is not properly explained in your Atlas, so many people are probably confused. The problem is, if you add a new symbol for album rock, you would probably have to add one for soft rock, another for oldies, and yet another for 'contemporary' (the latter two categories are currently included in your definition of rock). So where do you draw the line? Taken to its logical

conclusion, you would eventually run out of letters of the alphabet, and there would be endless debate and disagreement over what program format codes(s) to assign to a given station." I was waiting for somebody like Nick to come forward and offer a good explanation of why the format categories used here and in the "Atlas" should not be changed, and he's given good reasons for keeping them as they are, with, perhaps better explanations of what they mean. I know this belongs in another column, but Nick heard a "WDXZ" 104.9 with "Dixie-105" nonID, and wonders what this could be. I have seen no call letters applications for WDXZ in the FCC news releases.

Bob Christensen's KLIB 97.7 Humboldt IA is being interfered with by KRIT 96.9 Clarion, which moved to its new tower Nov. 28. Betty Sonpeland, Baiger IA, said she couldn't receive the Humboldt station's Sunday church service broadcast on her radio. KRIT is also interfering with local TV reception, and the station promises to run around and install filters on people's sets. The FCC has been contacted, so it will be interesting to see if KRIT is forced to reduce power for a while, or permanently.

Greg Hardison contacted me about the ABC Talkradio show to be on the early hours of Jan. 10, 1987. I'll be a guest, via telephone, from 2 a.m. to 4 a.m. Central Standard time. The station lineup has been expanded to include WSB 750 Atlanta. The station has a toll-free number, (800) 972-8255, so you may wish to call them to find out more about when they carry the show. I tried the number and it kept ringing; possibly they answer it only during talk shows.

For all you pirate collectors, there is a new station, "WLIW" 87.7 West Hartford CT, in stereo. It is on mainly from 6 to 10 p.m. M-F and Sunday 6 p.m. to 8 p.m. Their telephone number is (203) 561-4247. "When I called the station the DJ said that the FM band begins at 87.5 mHz, and apparently he thinks WLIW is legal. It's being received in Bristol CT, and I have written for more news about this unusual station. Still off the air: K276LX 100.1 Grand Forks ND.

Also not yet on: WCSF 96.7 Clifton Park and WNYQ 98.3 Rotterdam NY. And from the west coast, here are some translators not on: K209AC *89.7 Queets, K205AB *88.9 Aberdeen and K209AD *89.7 Raymond, all for KAOS Olympia WA. Also, KPLU Tacoma translators K217AY *91.3 Mt. Vernon, K218AP *91.5 Port Angeles and K212AG *90.3 Raymond WA were not heard. John Adams sent a map showing Canada time zones, and an article on Portland area ratings (KKRZ 100.3 is No. 1). Radio listening there is now being measured 48 weeks a year rather than just twice. This will make it more difficult for stations to stage contests during ratings periods to "hype" their ratings. And John wonders, with the U.S. starting Daylight Saving Time about three weeks earlier this spring, will Canada also start DST earlier? KKRZ 100.3 Portland OR supposedly on the KKCW-FM, KOAP-FM tower, but I see no indication that they have a c-p to change their height.

Ohio's Bill Fait noticed tropo up, on both FM and TV, so called his local TV weatherman and learned that the weather radar was getting lots of false reports, and attributed this to "heavy air." The weather person said the "problem" would break up in about an hour, and sure enough. DXing did return to normal in about an hour. Now, when DXing is up, would it pay to call your local weatherperson to find out how long the good conditions will last? Bill has his DX on computer,

and can be reached by electronic mail at CompuServe user ID 71406.555.

Somebody sent an article mentioning the sale of KLBJ-FM Austin TX, making it the first time since 1942 that the Johnson family has not owned a media outlet there. WPAG-AM-FM (107.1) Ann Arbor MI being sold to Thomas S. Monaghan, owner of Domino's Pizza Corp. Monaghan is building a half-mile building for his headquarters and a museum of bicycling. WCZY-AM-FM (95.5) Detroit is up for sale, and you can buy it if you offer \$16 million. Detroit morning funnyman Dick Purtan, currently on WCZY-FM, reported to be part of a group wanting to buy the stations. "If this happens, he will be the second morning host to co-own a Detroit FM station. WDTX 99.5 (as well as Cleveland's WERE AM and WNCX FM) are owned in part by 99DTX's Jim Harper," writes James J. Nalimakis. WMJC 94.7 Birmingham MI said to have poor ratings, despite their high-rated on-air talent, TV commercials and cash call giveaways, with its possibly going to "Classic rock." WNIC 100.3 Dearborn, without its suffixed -FM, has lost its AM clone, which is WMTG, "MoTown Gold," with satellite-fed "heart and soul" oldies. Albert Ellis, a longtime DXer and amateur, and FMedia! nonsubscriber, says: "I have tired of the battle between the stations as they fight the worse on the FM band." He speaks of "QRN" and interference among the stations, but says he still puts up with it to some extent.

I received a tape of the Separate Audio Programming, Spanish translation of channel 6, Miami FL. Quite clear of cross-talk, and I attribute this to the lower average level of TV audio modulation, permitting cleaner signals into their subcarriers. Also, the TV-SAP is at 78.67 kHz, while FM-SCA is mainly at 67 kHz. You can tune in the 78.67 kHz using an FM-SCA radio that is set for 67 kHz, but reception will not be the best, since you are only tuning into the side of the 78.67 signal. Try it, if you're in a market having a TV-6 station using their SAP.

Re, the Nov. VUD, and references to WSGS 101, Hazard KY. Matt Sittel asks: "What does 'obnoxious hillbilly' mean? Is it bluegrass music with long singers? I haven't heard it, but there is a reason. This area of Kentucky is full of coal mines and illiteracy. Civilization, yes, but modern, no. Take WMMT *88.7. They are about 45% soul, 40% country, 5% EZ and 10% gospel, rock and others. No traces of jazz at all! 'New music' to them is old to us. If you are looking for a hillbilly, look around that area. Mass media are not widespread, so WSGS is likely the most popular station. But what may sound 'obnoxious' to us is not to them. Preachers can be heard like that all around here, especially on AM. But, the religion is also 'hellfire and brimstone' to most everyone there; thus, the screaming preachers. That's what people there want to hear, and that's why it's on FM. I think it should stay on FM. With a wide coverage area, eastern Kentucky gets what it wants. I'll admit it sounds funny to most, but I think 'obnoxious' doesn't fit the bill. 'Annoying'? Maybe to some, but also entertaining to others. . . To clarify my statement (about WMMT *88.7 Whitesburg KY) when I said the DJs couldn't talk, I meant that. There is a large lack of education, thus they cannot talk—that is, use good grammar. I stated the facts on WMMT exactly as they are. I didn't try to make fun of them. As a matter of fact, it's quite sad. Poverty, illiteracy and unemployment thrive there, unfortunately, with people similar to the people portrayed on 'Hee-Haw'."

A fan of the "Atlas" is VUD reader Ken Charbonneau. He is currently on a

six-month deployment in the Persian Gulf. "I am interested in writing into the VHF-UHF Digest about my FM experiences over here and throughout my transit through the Atlantic, Mediterranean, Suez and Red Sea. Perhaps I could be a foreign correspondent for the VUD? His address, if club HQ, or any member with ideas as to how he could contribute is %USS O'Bannon DD-987, FPO Miami FL 34092-1225. His letter was in long-hand, and he'd either have to type his reports on a good quality typewriter or word processor, or send them to somebody here having the time to type them.

Gus Mancuso writes to say that WMUC #88.1 College Park MD is "unchanged, but coverage greatly reduced, especially to the north and east," now that 10-kw WJHU Baltimore is on 88.1. Latest is that the 10-watt WMUC has applied (again) for 87.9 mHz. An article Gus sent is about how the hearing-impaired benefit from FM technology. Students at Johns Hopkins University and Columbia Union College, Takoma Park MD, have been testing small FM devices, which have lightweight headsets and tiny receivers. "Students can wear them with or without hearing aids, and can adjust them for tone and volume. Instructors wear small microphones, which broadcast the FM signal." Students will also wear them on field trips, and I have seen similar devices worn by people in McDonald's, making it easier to hear the food orders in the noisy confusion of those restaurants. They're available in a variety of consumer and electronics catalogs. I believe most operate in the 49 mHz band, but it's possible some of the devices could be made to work in the 88-108 mHz band.

Bob Grove, publisher "Monitoring Times," writes and says how he looks forward to sharing the spotlight with me the early morning of Jan. 10 on the Ray Briem show. "That's an awful early time to get up though, isn't it?" And Bob provided a fine review of my publication in his newspaper (for more information on his publication and electronic equipment, write MT at 140 Dog Branch Road, Brasstown NC 28902).

Fellow editor Joe Fela, in subscribing to FMedia! does so "based on the assumption you will either pull your column out of the VUD or delay its appearance in it." During the first month or two it is hard to say which you will read first, but I am getting enough material now to fill TWO columns, and will design them for different readers, so long as I am doing both. Waldo Bishop says he may subscribe "just to have the larger print." After a two-year absence from the WTFDA, I look forward to once again keeping up to date with developments in the exciting world of FM radio," writes Timothy Brown. He mentions a shortage of good, professional radio in Toronto, and wonders how that city would up with so few FM frequencies back in the sixties.

An article in the Manchester NH paper about "WCRN," a Christian station occupying the 67 kHz channel on WHOM 94.9 has resulted in some added interest in SCA by local folk, resulting several orders from WCRN for adapters, which I am supplying. WCRN offers 24-hour Christian programming, received by satellite from Moody. Still on 100.1 is WDST Woodstock NY, which has not yet gone to 102.3.

In commenting on the format for KNMC #90.1 Havre MT, Richard Reese says "I have found some of these 'canned' programs can be a source of formats, since they sometimes mention stations that broadcast them."

An FMedia! subscriber says that CIUT #89.5 Toronto still off the air as of Dec. 5, and that "CIRV 88.7 is so weak I can hardly hear it in North Toronto—have no idea where their transmitter is—but I think it does take commercials, so watch your reference to it as 'noncommercial.'" Late word from CIUT's engineer is that they will be doing some test broadcasting at 15 kw in December, but "CIUT officially goes to air Jan. 15, 1986." Bill Fabher sent an article from a religious paper mentioning that WKOC Kankakee IL is now

on 18.5 hours a day with religious and classical music, and claiming a 60-70 mile radius at #89.7. Tom Yingling sent a copy of an article in the Nov. 24 "Broadcasting" magazine about WRNJ (AM) Hackensack NJ, which is petitioning the FCC to open an FM band from 225-230 mHz, with daytimers given the first choice of frequencies therein. WRNJ plans to file an application for an experimental station on 227.5 mHz in Hackensack. I'll probably write more about this in FMedia!

Larry Weil: "Congrats on your plans to publish FMedia. I'm sure that even though the mock up that you sent looks just like

one of your VUD columns that I hope you have plans to push your editorial material much further, now that you will not be bound by the restraints of writing for an organization composed mainly of DXers. . . I am sure, though, that there are many like myself who are interested in both the DX and 'media' aspects of FM. When I got your first notice of your new endeavor, I was a bit shocked by your 'media' price of \$45. I was quite relieved when a few days later I got your offer at the 'hobbyist' price.

"In local news, WRSR 96.1 Worcester MA continues to call itself 'beautiful' music, while in reality most of what it plays is really automated soft rock (mr), with a little b mixed in. Therefore, I recommend classifying them as m. WERS #88.9 Boston boosted its power to 3000 watts Nov. 20 at noon. The first broadcast at the higher power was a congratulatory message from MA governor Mike Dukakis." Larry sent an article, "Students revive WHAB-FM" (Acton MA). The station is still at 89.1, not covering all the small town of Acton, because of hills and its valley transmitter, but hopes to soon when funds for improvements and its #88.7 signal come forth. WHAB operates school days 2 p. m. to 10 p. m., with parents on hand when the high schoolers are running the station in the evenings. Two readers sent an article from "Video Review" on TV pictures through your FM radio. Mentioned is a system used by WFUV #90.7 New York for doing this, with picture build up in 20 seconds for things like record album covers, station promotions etc. Use of a video-SCA decoder would be about \$30-\$50 for the hardware. If anybody's heard data type noise on WFUV's subcarrier, let me know.

Frank Aden, Jr., supplied his excellent Idaho radio-TV station guide (\$4 postpaid, from 5147 Morris Hill, Apt. 133, Boise ID 83706), and updated me on other format changes in Idaho, including stations not on the air (see above). He says Payette, KQPD 100.3, has been sporadically on and off the air, and "Bill Frahm has a list of technical changes . . . but I know he was pretty upset about your editorial in RADIO WORLD."

Now in stereo, KSMT 102.3 Breckenridge CO. "We have been operating in stereo for about 18 months. In June of this year we also installed and now broadcast on translators licensed to Frisco and Dillon/Silverthorne on a frequency of 103.9. K-Summit Radio FM 102/104 can now be heard, in glorious stereo, better than ever in Summit County, Colorado," writes Wayne McCormick, general manager.

Roger Gravelle, fresh from a trip to Expo 86, says CHRW #94.7 London plays a variety of music (new groups, community talk shows, youth oriented), but "too progressive for either of my sons. They (CHRW, not Roger's sons [ed.]) have applied for a power increase to 5000 watts to my chagrin." He gets CKDK 102.3 Woodstock, but by careful aiming of his antenna can still tune in WJET-FM 102.3 Erie PA across the lake. "FM dial is sure getting cluttered. Hope to see you next summer at convention; will probably drive out there. I also must voice a very strong objection to your comments on the demise of AM radio. In our area we listen to 50000 watters WCXI Detroit, WGAR Cleveland; and when you travel it is nice to listen to and retain a station for 300-480 km. In remote areas your clear channels are your only diversification to dismal CBC programs. I also hate to see AM turned into wasteland by ruining clear channel areas and scattering stations. FM is also getting to the point in this area that you need a directional antenna to get clear reception."

I look forward to seeing Roger and a lot of other DXers this summer at the convention. More on that as plans take shape.

And the FCC announces that W26AQ Gerard A. Turro's translator in Fort Lee NJ, serving part of NYC with an ethnic subcarrier, has applied to change from 193.1 to 99.3 mHz. Undoubtedly, WNEV-FM 102.7 and WQHT 103.5 weren't too happy with W26AQ so close to them, but good luck in getting WBAI to tolerate this translator on an adjacent channel, Gerry!

An admitted pirate writes, who is subscribing to my FMedia! "I have been a pirate since I was 13 and had an Allied transmitter that reached four blocks from my 6th story bedroom." He notes that radio in Ashland OR is "terrible," and is considering all possibilities, including running his own station. "This is a very hip, intellectual place. A bastion of free thought in an uptight state. Bad radio just doesn't fit in. I'm obsessed to do something about it! Looking forward to the newsletter. . ."

Here's a letter received from Robert Horvitz, government liaison, ANARC, Washington DC:



Prof. Don Toland sets up remote transmitter for WKOC.

"Your argument that we should not pull the Congress's chestnuts out of the fire by helping them limit the absurdities of the ECPA (Electronic Communications Privacy Act, recently passed, and taking effect Jan. 21, 1986—ed.) is one we considered repeatedly, within ANARC and in counsel with our allies.

"While I sympathize with your feeling that 'we do not need a Senate committee telling us precisely what we can legally tune into or not', needed or not, we knew that was coming. When the House of Representatives wrote their report on the ECPA, we did not contribute any suggestions. Indeed, our relations with the House sponsors of the bill were at best strained, since they regarded us as criminals and perverts. As a result, the House report is an unmitigated disaster. It does not recognize any basic right of public access to the radio spectrum, and to the extent that it will be cited in court cases in the future, it is likely to result in unjust convictions.

"Since passage of the bill in one form or another seemed—and proved to be inevitable, I decided to work to amend the bill and soften the language in the Senate report, while also trying to generate enough public protest to defeat it. We deliberately did not point out certain inconsistencies and impractical provisions in the bill, trusting that courts would see them as absurd and reject them. This is true, for instance, in the case of interfering signals, and the treatment of the Specialized Motile Radio Service. However, we did work to reduce the impact of the bill on radio hobbyists where there was no prospect of a court challenge on the basis of internal contradiction or patent absurdity. Our most visible successes were in removing the jail sentence for first-time interception of cellular communications, and eliminating all criminal penalties for harmless reception of broadcast remote pickup stations, despite the NAB's protest that these were 'internal' communications.

"We argued strenuously and often that it was against the public interest to allow broadcasters, licensed to offer free public service, to declare parts of their channels 'off limits' so they could charge for access. But we failed to convince the sponsors of the bill that they would gain politically by going against the NAB on this point. Instead, they offered interpretive language in the Senate report saying it's OK to tune in subcarriers 'transmitted for use by the public'. We pointed out during the negotiations that this put the burden on the receiver to figure out the intent of the transmitter, and this may not always be possible. How can one tell if an hour of music on a leased subcarrier is meant to be a free service or a subscription service? We asked them to require broadcasters to air periodic announcements that the subcarrier service was not intended for public reception before they were eligible for federal protection, but this, too was rejected. We then asked them to clarify the legal status of subcarrier tuners owned by nonsubscribers. They still have not provided an answer. This is likely to result in a series of test cases, and I can't guess what the courts will decide. [Note: Another source said he thinks the matter will be in and out of the courts for 10 years before we know what is meant to be legal or illegal under this law—b.e.]

"We also had hours of talks about the problem of defining 'surreptitious interception devices' (stuffed animals with radios in them—ed.). They asked us to propose a description of what devices should be in this category. I said I'd feel like a Jewish guard in a concentration camp if I helped on that. When the Senate report was being drafted, I submitted a 3-page discussion of the practical definitional problems, showing how hard it was even to avoid criminalizing devices that no one thought should be illegal. I believe this document opened their eyes, and so in the Senate report, there is no definition of what devices will be illegal. . . this is good in that there will probably not be any nationwide regulation of radio reception capabilities anytime soon. But it is bad in that courts are likely to decide the question on an 'ad hoc' basis, with little technological insight, consistency, or guidance from Congress, and this will create uncertainties that may take a decade or more to resolve.

"In recent years, the courts have tended to side with those whose property rights are violated by 'signal piracy'—even though the FCC's long-standing policies put the burden on the transmitter to protect himself. I'm not optimistic that a subcarrier case would overturn that part of the ECPA, although it seems like one of the better grounds for a legal challenge. I encourage you to continue to protest this provision. If you want to take your "case" into the lion's den, you might contact John Podesta, subcommittee on Patents, Trademarks and Copyrights, US Senate, Washington DC

20510. John is a civil libertarian and has been very receptive to our arguments. The problem all along has been insufficient protests from the public about this bill. Although Congress got hundreds of letters, we needed thousands to outweigh the corporate interests.

"But it's not over yet. I'm going to ask for hearings by the Communications Subcommittees of the House and Senate to examine the problems created by the ECPA, in hopes of amending it next term."

And I just got a report, "Security and Privacy of Telecommunications," from the National Security Agency, Fort Meade MD. It is mainly for protection of government communications, but has these provisions that may affect hobbyists trying to monitor microwave, satellite "media" and other forms of communications of a classified and other sensitive but unclassified material. The report points out that Sec. 1 of the Communications Act, 47 U.S.C. §151, provides that one of the reasons for creating the FCC was "for the purpose of the national defense." Therefore the National Telecommunications and Information Systems Security Committee has been set up to provide guidance and procedures for the safety and security of such documents. The committee's recommendations are:

Licensees and other vendors of equipment, especially those capable of bypassing the public telecommunication services, • should be aware of the vulnerability of unprotected telecommunications to unauthorized users and the potential of loss of privacy to the user. Accordingly, providers and users of communications services and facilities are • encouraged to implement necessary protection measures commensurate with the sensitivity of the information being transmitted.

And • the federal government can assist "the private sector in implementing protective measures in telecommunication systems that handle sensitive information, the loss of which could adversely affect the national security. High-level encryption devices are available, through the National Security Agency . . . NSA is also prepared to assist in identifying approved devices for the protection of sensitive, but unclassified, national security-related communications (government or nongovernmental)."

I find it refreshing that the government expects both vendors and licensees (but not necessarily the users) of these communications to be aware that various communications are vulnerable to interception. Maybe we won't have to turn in our FM stereo radios, our color TVs and our stuffed animals to Scrooge McGovernment, as I mused last month! Good listening, and thanks to these, our

CONTRIBUTORS

Frank Aden, Jr., Boise ID; John M. Adams, Seaside OR; Robert Baker, Humboldt IA; Walter Bishop, Tallahassee FL; Andrew L. Brown, Portland OR; Timothy Brown, Don Mills ON; Ken Charbonneau, FPO Miami FL; Ed Davison, Springfield IL; Albert H. Ellis, Branford ON; Peter Fah, Dubuque IA; Bill Falber, Bridgeton NJ; Greg Fairbrother, Bristol CT; Bill Fait, Painesville OH; Joe Fela, South Plainfield NJ; John M. Fillmore, Jr., Pembroke NH; Michael G. Fleming, chief, industrial relations, National Security Agency, Fort George G. Meade MD; Bill Flynn, Newark CA (who is hoping somebody can supply a verisign for KHIP 93.5 Hollister CA); Bob Gilbert, Auburn ME; "L. G.", Ashland OR; Max Gould, Hollywood CA; Roger Gravelle, St. Thomas ON; Bob Grove, Monitoring Times, Brestwood NC; S. Thomas Hancock, North Canton OH; Tim Hendel, Miami FL; Robert Horvitz, Washington DC; Clarke Ingram, Mesa AZ; Dan Kelley, KISZ Cortez CO; Walter Kowalczyk, North Huntingdon PA; Bob Levy, chief engineer, WHLR Albany NY; Nick Lombardi, Atlanta GA; Ernest P. Maletto, Johnsonburg PA; Gus Mancuso, Hyattsville MD; Wayne McCormick, general manager, KSMI Breckenridge CO; R. B. McEvoy, publisher Scanada World (a directory of scanner frequencies in the Toronto area), Box 183, Scarasdale Rd., Don Mills ON (who says SCMO "signals in Canada are legally public broadcasts which may be legally listened to and used by anyone," except there are no readily-available receivers in Canada for SCMO). Also contributing: George J. Mileon, Lynn MA; Steve Miller, Claverack NY; James J. Nahmiak, Warren MI; Richard and Franklin Reese, Jersey Shore PA; James Alan Shields, Ann Arbor MI; Matt C. Sittel, Kingsport TN; Larry P. Waggoner, Wichita KS; K. W. Walter, Toronto ON; Larry Weil, Acton MA; Roger Winsor, Champaign IL; Tom Yingling, Baltimore MD; Donald Webster, Grand Forks AFB ND, who says the "FM Atlas is my traveling companion. Keep up the good work." Finally, there's Baruch L. Vine, known under another alias as a community board member of Kume #103.3 Duluth MN. Also Paul Harkness, KDNW (FM), Duluth MN, Jon Brabban, Fayetteville PA, W.R. McIntosh, Granada Hills CA, Paul Mount, Teaneck NJ (who says my getting the '87 convention is a way to avoid a long drive!), and Keith Pugh, New Hope AL.

NORTHERN FM-DX

Joseph Fela
150 Robert Place
So. Plainfield, N.J. 07080
1-201-755-3852

JANUARY 1987

Deadline: 8th of the month

Christmas came early this year for many eastern Dxers. Nov. 27-29th produced the best super tropo since August 22, 1978 at the very least. Numerous FM DXers have reported catches in the 600-750+ mile range with much greater distances seen on UHF. Most of the DX (at least on FM) seems to have travelled along an east/west line from Central IL and IN eastward into Western NY, NJ and even into northern CT! And now to the reports....

MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CT. - 06082

Equipment: Carver TX-11, Finco FM-5 and rotor about 220° ASL

AUGUST 1986

28 Es
1734 WBKN 92.1 MS Brookhaven
31 Tr
0837 WCDO 100.9 NY Sydney, "VOICE OF THE TRI-COUNTY"

SEPTEMBER 1986

3 Tr
1839 WXTY 103.9 NY Ticonderoga, r, X-104
1900 WHFX 104.7 ME Belfast, ID sez
Belfast-Bangor-Brewer
1900 WTOS 105.1 ME Skowhegan
24 Es
1844 WYKS 105.5 FL Gainesville, "KISS-FM"
1850 WUFT 89.1 FL Gainesville, CLASSIC 89
1852 WVGs 91.9 GA Statesboro, soul
1913 WQCW 102.5 GA Waycross,
"Q-COUNTRY-102"
1917 WCHY 94.1 GA Savannah, "Y-94"
1919 WGTR 97.3 FL Miami, "THE NEW 97"
1924 WAAC 92.9 GA Valdosta, k
29 Tr
1900 WVLt 92.1 NJ Vineland,
"LITE-92-FM"

OCTOBER 1986

9 Tr
0756 WLIF 101.9 MD Baltimore
0756 WBSB 104.3 MD Baltimore
0758 WHDG 103.7 MD Havre de Grace, mono,
pol. debate.

COMMENTS: Well, here it is, the end of November and already we've been treated to 7" of snow and extremely icy driving. On 11/19 noted WRKI-95.1, WJMJ-88.9, and WCCC-106.9 all off due to power outages from the storm. Noted WZSH and WZZO both on 95.1, only Boston on 88.9, and CKO, WPCX, and WKDN on 106.9. Actually on that day I happened to be working in Danbury and could find no trace of WRKI on the car radio, but by the time I got home they were weak on the Carver, probably using less than 1 kw. It looks like winter is here early.

HARRY J. HAYES - 9 HENRY ST. - WILKES-BARRE, PA. - 18702

Equipment: GE Superadio, Jerrold QFM-9 w/Radio Shack amp in attic. New underlined.

NOVEMBER 1986

27 Tr
2318 WDMT 107.9 OH Cleveland, "POWER 108"
2342 WGAR 99.5 OH Cleveland, k
2350 WKYN 97.5 PA St. Marys, ID as "St. Marys, Bedford, DuBois", T-40 music.
29 Tr
0225 WFBQ 94.7 IN Indianapolis, strong level with progressive r, "Q-95", ID, 545 miles.

I feel as though I shamed myself as an FM Dyer since I stuck out Thanksgiving's wonderful opening on TV (shame! - jf); but I had to choose one. Getting Indianapolis at the end of the opening didn't make things a complete bust, however. I tried for your Kokomo on 100.5, Joe, but it seems all I get on that channel is "Power 95"-WPLJ: courtesy of the local cable company (cable strikes again.... - jf). I also get cable radiation of WWSN-104.5 on its proper channel and WAVT-101.9 Pottsville on 103.5. I am also having severe problems with a local ham who bleeds all over the FM band at any random time and any random frequency. He even gives the locals fits. City Living: ain't it wonderful! I hope another tropo barn burner like the one just a day past happens again very soon.

WILLIAM R. HEPBURN - #18-62 WALKOVER ST. - THUNDER BAY - ON - P7B-1L2 - CANADA

Equipment: Receiver: JVC-R-X330V. Antenna: indoor dipole, 3rd floor, Archer in-line amp.

Signals 10 db or more shown as S-10, S-15, etc.

Antenna relocated Oct. 17th. The following now received by GW (in addition to those listed last month:

WHWC 88.3 WI Menomonie-Eau Claire
S-0 to S-15 270
WOJB 88.9 WI Reserve S-0 to S-15 200

DX (EDT/EST)

OCTOBER 1986

16 Tr
2158 CBQT 90.5 ON Ft. Francis
"CBC NORTHWESTERN ONTARIO"
// CBW-990 (not CBQ-800) 195

17 Tr
0047 KEEY 102.1 MN St. Paul-Minneap. 300
0050 WAYL 93.7 MN Minneapolis-St. P. 310
0051 WCMP 92.1 MN Pine City 250
0103 KDWB 101.3 MN Richfield-Min.-SP 310
0133 WLOL 99.5 MN Minneapolis 310
1700 WKLK 100.9 MN Cloquet 195
1926 KLIZ 107.5 MN Brainerd 265

18 Tr
1100 CBLJ 88.3 ON Wawa
"CBC NORTHERN ONTARIO" 205
1153 WVCY 107.7 WI Milwaukee 390
2311 WLJY 106.5 WI Marshfield 265
2325 WHAD 90.7 WI Milwaukee,SS,mono 380

KQRS 92.5 MN Golden Valley-Minn.-St. P. 305
WBIZ 100.7 WI Eau Claire S-0 to S-15 265
KJJO 104.1 MN St. Louis Park,Minn.-St. P.280

OCT 19 Tr

1731 WWJO 98.1 MN St. Cloud 300
Minn.-St. Paul 93.7-99.5-102.1 310

23 Tr

2043 KBHP 101.1 MN Bemidji 275

24 Tr

2039 WKLH 96.5 WI Milwaukee 390

25 Tr

0947 Minn.-St. Paul 98.5-101.3-102.1 310

26 Tr

1132 WCTS 100.3 MN Minneapolis-St. Paul
mono, S-10 310

NOVEMBER 1986

8 Tr

1241 CKSB-9 89.1 ON Ft. Francis, mono,
S-10 (CBON 89.3 on low power, <S-10,
normally S-75+) 195

1256 WWJO 98.1 MN St. Cloud, S-10 300

1306 KCLD 104.7 MN St. Cloud 300

14 Tr

2313 WLOL 99.5 MN Minneapolis 310

2315 WHLA 90.3 WI La Crosse // WHSA-89.9 330

COMMENTS: It sure is nice to have only 3 local stations. Some tropo out to 390 miles. Have been getting MS bursts for what seems like every day since I moved here. Still only one ID though. (Seems like there are many more bursts this year than previous years - anyone wish to comment on that? - jf) I pinned a dipole to the wall in my storage room facing SW and added a 10 db in-line amp. I then have 50 ft. of coax running to my receiver in the living room. The set-up is working pretty well (I can just imagine what it would be like with an outdoor yagi.....). My tropo record on FM from Niagara Falls is 460 miles - I should be able to beat that here in Thunder Bay with such a wide open band. I'll be here until Sept. 1987, then back to Toronto (?) or wherever, hi.
73s, Bill

DAVE NIEMAN - AKRON, NEW YORK - 14001-9529

EST

Equipment: Carver TX-11 tuner, Channel Master 4408 at 25' (815' above sea level)

OCTOBER 1986

30 MS

0031 KROA 95.7 NE Grand Island,
g, \$ (call) 1034

NOVEMBER 1986

7 Tr

1150 WIXX 101.1 WI Green Bay,
r, \$ (call) 496

24 Tr

0218 WDFM 98.1 OH Defiance, r\$(call) 326

0230 WMRI 106.9 IN Marion, b\$(call) 404

0242 WITL 100.7 MI Lansing, k\$(call)

"WHITTLE-100" 312

(Most of Toronto's FMs off this day)

NOV 27 Tr

1000 WHAD 90.7 WI Delafield,
t, \$ (ID) (NPR) 504

1857 WMBI 90.1 IL Chicago,g\$,into nx/wx 477

2351 WILL 90.9 IL Urbana, c\$(ID) 541

28 Tr

0111 KWWR 95.7 MO Mexico, k\$(call
"COUNTRY 96" 753

0124 WVXI 91.7 OH Cincinnati, r\$(
oldies) (ID) 415

1201 WSHW 99.7 IN Frankfort-Kokomo, r\$(
ID into nx), "SHINE-99" 462

1259 WSSR 91.7 IL Springfield, c\$(ID)
(midday nx into classical music) 622

Arriving home after 12 hours work, I started my check to see what the FM band conditions were like. With my antenna pointed west, I started the bandscan from the top (107.9 MHz) down. At 107.1 the "Q-107" I heard was not Toronto but Port Huron, MI. 104.5 MHz I found "Q-country" from Wooster, OH booming-in. 102.1 no CFNY but WDOK Cleveland was there. After checking all Toronto's FM frequencies: the only stations left on (CKO2 and CKLN) didn't transmit from the CN Tower. All TV stations coming from the CN Tower were still on (were the FMs off in preparation for the two new ones (90.3 and 97.3) soon to be on????). With two new Toronto FMs coming from the CN Tower, it doesn't make DX look very promising around here. But I'm not ready to have the stereo probe 9 turned into beer cans yet!!HA!!

November 27&28 were big tropo days on TV with Maine and Texas both seen in Western New York at the same time. Even though the FM conditions were not quite as good; I hope everyone had a chance to get in on this one. According to some old timers, it was the best ever!!!! Dave

ROBERT S. ROSS - VE3JFC - BOX 4373 - STN. C - LONDON, ON. - CANADA N5W 5J2 EST

Equipment: Receiver - Viking SC5813 Antenna - 10 Element beam at 15 feet.

NOVEMBER 1986

25 Tr
 0000 WEKH 90.9 KY Hazard
 0010 WEKU 88.9 KY Richmond, simulcast
 with WEKH, above.
 0100 WOSU 89.7 OH Columbus
 0122 WLQV 96.3 OH Columbus
 0129 WMGG 99.7 OH Columbus,
 Ex-WRMZ?? (yep! -jf)
 ID only as "The New Magic 99.7 FM."
 0142 WVXU 91.7 OH Cincinnati
 0145 WDJQ 92.5 OH Alliance,
 ex-WFAH logged
 0155 WGUC 90.9 OH Cincinnati
 0203 WHIO 99.1 OH Dayton

COMMENTS: I had a real good tropo opening Nov. 25-26 into southern Ohio, W. Va., and Kentucky. I managed to hear 12 new FM's during the opening which lasted well over 30 hours. It's been a long time since I've seen tropo last that long here at my QTH.

73's Robert.

NOV 25 (cont'd.)

0242 WBNS 97.1 OH Columbus
 0256 WTUE 104.7 OH Dayton
 0440 WOVK 98.7 WV Wheeling
 0448 WZMM 107.5 WV Wheeling
 0500 WVPW 88.9 WV Buckhannon
 1200 WVNP 89.9 WV Wheeling
 1634 WLEN 103.9 MI Adrian
 2110 WOSE 94.5 OH Port Clinton
 2125 WFOB 96.7 OH Fostoria
 26 Tr
 0030 WEMU 89.1 MI Ypsilanti
 0045 WCMU 89.5 MI Mt. Pleasant

BOB SMOLAREK - R.D.#1 - BOX 63 - WHITEHOUSE STATION, NEW JERSEY - 08889

NOVEMBER 1986

25 Tr
 2115 WRGN 88.1 PA Sweet Valley, g
 2120 WVOS 95.9 NY Liberty
 2330 WFUV-90.7 Off - Extremely rare
 2330 WTCC 90.7 MA Springfield, old rock
 2335 WCLH 90.7 PA Wilkes-Barre
 "NEW MUSIC 91"
 2340 WMRA 90.7 VA Harrisonburg
 27 Tr
 2150 WMJI 105.7 OH Cleveland, "MAGIC"
 New state.

2155 WKSU 89.7 OH Kent
 2232 WQNY 103.7 NY Ithaca, "Q-104"
 2300 WVPs 107.9 VT Burlington
 2313 WHCU 97.3 NY Ithaca, new lite r fmt

COMMENTS: We had something to be thankful for on Thanksgiving, the state of Ohio made its first appearance on my radio that night. The next night was even better, 3 stations from western PA came in. WWZE was particularly strong. My disappointments were not getting WDMT-107.9 (too much WEBE-CT) or WLTF-106.5 (too much WHLM-PA) both from Cleveland. But I'll take an opening like this anytime.

28 Tr

2035 WFRB 105.3 MD Frostburg, k
 2100 WWOQ 102.1 PA DuBois, satellite CHR, Q-102
 2113 WVSC 97.7 PA Somerset
 2125 WWZE 101.7 PA Central City, "EASY 101"
 Strong signal!
 2135 WTPA 93.5 PA Mechanicsburg, rp
 2140 WHTF 92.7 PA Starview, rp
 "STARVIEW 92"
 2300 WMJI 105.7 OH Cleveland,
 60 db signal on Carver tuner

WNNK

P.O. Box 104

Harrisburg, PA 17108

WINK 104FM

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK - 13041 EDT

Equipment: Receiver - Carver TX-11a Antenna - Channel Master Stereo Probe 9 at 30' AGL.

New loggings underlined:

SEPTEMBER 1986

4 Tr
 0016 BCBN 96.1 ON North Bay, CBC 274
 0046 WTLR 89.9 PA State College, g 184
 18 Tr
 2022 WRJS 98.5 PA Oil City, b 217
 19 Tr
 2109 WKBI 94.3 PA St. Marys,
 Local football 171
 2134 WAIJ 90.3 MD Grantsville, g 285
 24 Es 1922-2015 MUF 95 mHz
 1928 WJIS 88.1 FL Bradenton
 wx/g/anncts. 1141
 1938 WQCS 88.9 FL Ft. Pierce
 cl, "QC89" 1109

27 GW
 2039 CBBK 92.9 ON Kingston, j,
 // CBO and CBBP 78
 2217 WJQZ 93.5 PA Wellsville, r 116
 28 Tr
 2256 WIZN 106.3 VT Vergennes, r/wx 161
 2035 CBMB 91.7 PQ Sherbrooke // CBM 262

OCTOBER 1986

8 Es 1907-2105 MUF 102 mHz
 1924 WBRH 90.3 LA Baton Rouge, r 1212
 1929 WNUJ 88.9 MS Senatobia, APR 947
 1931 KJEF 92.7 LA Jennings 1278
 1933 WMAW 88.1 MS Meridian, // WNUJ 1012
 1939 WMPR 90.1 MS Jackson, folk mx 1073
 2017 KIVY 92.7 TX Crockett, BB 1341
 18 Tr
 0016 WRMZ 99.7 OH Columbus 418
 NOVEMBER 1986

9 Tr
 1700 WCLT 100.3 OH Newark 387
 1857 WHUR 96.3 DC Washington 296
 17 Tr
 2103 WVNP 89.9 WV Wheeling
 "WV Public Radio" 316
 2112 WETA 90.9 DC Washington, cl 296
 2100 WGMs 103.5 DC Washington, cl 296
 23 Au (weak)
 1821 WNUZ 103.5 MI Detroit, g 355

-->--> CONTINUED -->-->

(Fred Nordquist's report, continued....)

NOV 23 MS

0002 WFAE 90.7 NC Charlotte,
s/off annct, "FM91" 601

NOV 29 Tr

2305 WFSE 88.9 PA Edinboro, r 222
30 Tr

1259 WVPW 88.9 WV Buckhannon, wx 358

COMMENTS: Totals now at 1256. Most wanted stations (<100 miles) are: NY WONY-90.9 WRHO-89.7
WCDO-100.9 WALF-89.7 WIGS-95.3 WBTF-101.7 and WUCI-91.5 (noted after Midnight a few times
here with "urban" format/mx - jf). PA WNTD-89.5. Stations believed not on are: WLLG-99.3
WSCP-101.7 WFRW-90.7 CBOB-100.3 CBBA-104.9 and CBBS-94.3. Am monitoring 95.7/90.7/90.3 et al
for MS bursts with limited ID success. Seasons greetings - 73 Fred.

DAVID E. BRUMFIELD - 1618 CHESTER BLVD. - RICHMOND, IN. - 47374

LOG FOR 1986

FEBRUARY 1986

18 Tr
1400 KJEZ 95.5 MO Poplar Bluff
1400 WRUL 97.3 IL Carmi
1402 WSEI 92.9 IL Olney
1420 KEZS 102.9 MO Cape Girardeau
1430 WPSR 90.7 IN Evansville
1459 WSIU 91.9 IL Carbondale

MARCH 1986

6 Tr
1123 WMVO 93.7 OH Mt. Vernon
15 Tr

1240 WGAR 99.5 OH Cleveland
MAY 1986

10 Es
1240 KKAZ 100.7 WY Cheyenne
12 Es

1239 KHOYT 88.1 TX Lardeo, SS (I assume in
your report "S" means Spanish, David? -jf)

21 Es

1115 KGNZ 88.1 TX Abilene
1130 KMTHT 98.7 NM Maljamar, "Public Radio"
1205 KCLI 95.3 OK Clinton

JUNE 1986

11 Es

0910 KSBJ 88.1 TX Humble
0915 WAFG 90.3 FL Fort Lauderdale
0923 KTAW 92.1 TX College Station
0930 KHCS 88.1 TX Round Rock-Austin
0945 KIXS 93.3 TX Killen-Temple
0950 KTFA 92.1 TX Groves
0952 KTXH 92.1 TX Devine
0952 KROK 92.1 LA DeRidder
0953 KEMM 92.1 TX Commerce
1005 KQXXt 98.5 TX McAllen, SS

Tr
1013 WWKX 104.5 TN Gallatin-Nashville
"KICKS 104"

Es
1020 KHOYT 88.1 TX Laredo, SS

Tr
1026 WPLN 90.3 TN Nashville

Es
1045 KCTMt 103.1 TX Rio Grande City, SS
1050 XHMft 104.5 NL Monterrey, SS
1052 XHMGt 102.9 NL Monterrey, SS
1058 XHJdt 98.9 NL Monterrey, SS, "99"
1059 XETT 94.1 NL (Dave, you didn't list
the cities for these 5
1100 XHNLt 94.9 NL "\$ Rock 95" / -jf)
1100 XHRkt 95.7 NL
1119 XEEwt 97.7 TA SS, j
1121 KBNrt 88.3 TX SS
1131 KQXXt 98.5 TX McAllen, SS
1145 XHNOEt 91.3 TAM (city? - jf), SS
1158 KOYE 94.9 TX Laredo
1204 KMKS 92.1 TX Bay City, "92 NOW"
1205 XHAAAt 93.1 NL
1210 KLTR 93.7 TX Houston, "K-Lite"

JUNE 11 Es (continued...)

1214 KKBH 93.3 TX Port Lavaca, "93 FM ON
THE BEACH"

1216 KBNJt 91.9 TX Corpus Christi, SS
1219 KHYS 98.5 TX Port Arthur, "KISS 98"
1222 KROB 99.9 TX Robstown
1222 KGEE 99.9 TX Monahans, "K-G"
1223 KRYs 99.1 TX Corpus Christi, "K-99"
1226 WQUE 98.5 LA New Orleans
1230 KTXN 98.7 TX Victoria
1235 KQIP 96.9 TX Odessa
1236 K--- 98.3 TX Brownfield, translator
of KQIP-96.9 Odessa

1240 WQXY 100.7 LA Baton Rouge
1244 KOUL 103.7 TX Sinton-Corpus Christi
"FM-103", k

1247 KFMK 97.9 TX Houston
1251 KLSF 96.9 TX Amarillo
1255 KAJA 97.3 TX San Antonio, "K-J"
1301 WQLC 107.9 MS Poplarville
1302 KESI 106.7 TX Terrill Hills-
San Antonio

1306 KATX 97.3 TX Plainview, "K-Tex"

1309 KMML 98.7 TX Amarillo, r
1312 KGNC 97.9 TX Amarillo
1328 KEYN 103.7 KS Wichita
1335 KADX 92.1 CO Castle Rock
1343 KBLJ 92.1 CO LaJunta
1344 KSEC 93.3 CO Lamar, "KC-93"
1345 KEZU 94.5 KS Scott City
1348 KRDO 95.1 CO Colorado Springs
1349 KCME 88.1 CO Manitou Springs
1351 KCFR 90.1 CO Denver
1356 KOAQ 103.5 CO Denver
1400 KPNY 102.1 NE Alliance
1409 KSID 98.7 NE Sydney
1416 KQSK 97.5 NE Chadron
1422 KNEB 94.1 NE Scottsbluff
1425 KCGY 95.1 WY Laramie-Cheyenne, "Y-95"

1428 KTXL 106.9 WY Casper
1437 KSQY 95.1 SD Deadwood
1446 KKLS 93.9 SD Rapid City
1453 KOLL 96.9 WY Gillette
1458 KGWY 100.7 WY Gillette
1645 KESD 88.3 SD Brookings
1645 KQAA 94.9 SD Aberdeen
1840 KTAk 93.9 WY Riverton
1845 KQLT 103.7 WY Casper
1852 KLTR 93.7 TX Houston
1858 KMKS 92.1 TX Bay City
1908 KBNLt 89.9 TX Laredo, SS
1909 KSBj 88.1 TX Humble
1910 KCWC 88.1 WY Riverton
1917 KDLY 97.5 WY Lander

15 Es

0900 Es noted - couldn't cancel trip to
King's Island !!!!
->->-> CONTINUED ->->->

(David Brumfield's report, continued....)

JUNE 1986

25 Es
1615 KTXT 88.1 TX Lubbock
28 Tr
2330 WKKO 99.9 OH Toledo o/WVUD

JULY 1986

5 Es
1753 KTXE 93.9 TX San Angelo
1800 KGNZ 88.1 TX Abilene
17 Es
2130 KLYT 88.3 NM Albuquerque
2200 KANW 89.1 NM Albuquerque
2206 KANzt 91.1 KS Garden City
19 Es
1822 KEZB 93.9 TX El Paso
1846 KVLV 107.9 TX Edinburg-Alamo-McAllen
"K-Valley"

1852 KKED 90.3 TX Corpus Christi

AUGUST 1986

5 Es
1715 WRTI 90.1 PA Philadelphia
1745 WLIF 101.9 MD Baltimore
1748 WOVU 101.7 DE Ocean View

AUG 5 Es (continued)

1826 KROO 93.5 TX Breckenridge
1831 KERA 90.1 TX Dallas
1835 KNIN 92.9 TX Wichita Falls
1841 KTXE 93.9 TX San Angelo
1843 KFMX 94.5 TX Lubbock
1952 KSBj 88.1 TX Humble
2001 KMTY 92.1 OK Woodward
2006 KMQxt 89.1 TX Springtown, o/WVJC
16 Es
1105 KTXE 93.9 TX San Angelo
25 Tr
1045 WCVK 90.7 KY Bowling Green
26
Tr
0300 WJCH 91.9 IL Joliet
Es
KHOY 88.1 TX Laredo (time? -jf)

KMJk FM 107

9500 S.W. BARBUR BLVD.
SUITE 302
PORTLAND, OREGON 97219

JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080

EDT/EST

Equipment: McIntosh MR-78 tuner, with Channel Master #4408 (Stereo Probe 9)
antenna with rotor about 40' AG.

OCTOBER 1986

8 Es (my first Oct. FM Es!)

1940 KCKL	95.9	TX	Malakoff, SID,	
			"Stereo Country 96"	1334
1944 KROZ	92.1	TX	Tyler, SID, k	1291
1946 KNIF	95.3	TX	Gilmer, Longview ads	
			b, "Easy-95"	1260
2025 KNIN	92.9	TX	Wichita Falls,	
			r, ID	1402
2036 KAFM	97.7	OK	Durant, ID, r	1292
2038 KAIO	100.9	AR	Russellville, ads, ID,	
			sounded almost like a soft r but	
			Letterhead on QSL indicates g	1083
2047 KIIX	95.3	OK	Hugo, ID, "all k, all	
			the time"	1245
2048 KWDG	96.7	ID	Idabel,	
			"96-FM" + call	1213
2100 KNTU	88.1	TX	Denton,	
			"FM-88" + call	1354

11 Tr
2114 WDXR 91.3 DE Newark, old r, o/WTSR
which is most unusual! 93
2142 WBEN 102.5 NY Buffalo, r,
"ROCK 102" 280

2159 {WTKS} 102.3 MD Bethesda, legal ID,
"MAGIC 102.3", soft r, ex-WHFS 179
2218 WVOS 95.9 NY Liberty, ID, ads 86
2247 {WNNK} 104.1 PA Harrisburg, "WINK 104",
ads, r, actually o/WABE!
ex-WTPA. 131
2310 CBBP 103.9 ON Peterborough, ID as CBC
94.1 Toronto and 103.9 Peterborough 327

2311 {WBVR} 107.7 NY Wethersfield, r,
"Buffalo's Bear", ex-WUWU 262
2358 WVPst 107.9 VT Burlington, American
Jazz Theater, then faded u/WEBE.

12 Tr
0030 WQCM 96.7 MD Halfway, r,
"THE HOT FM" 189
0034 WPGM 96.7 PA Danville, ID, g 118
0130 WBNE 95.9 PA Benton, "B-96", r

OCT 12 Tr (continued...)

0158 WUCI 91.5 NY Binghamton, "91.5 FM"
urban contemporary (full time or
part time?) 131
0208 WFNM 89.1 PA Lancaster, ID, soft r 106
14 GW/Tr
2000 WRPR 90.3 NJ Mahwah, r, finally!
15 GW/Tr
2134 WJHU 88.1 MD Baltimore, c,
"THE CLASSIC CHOICE" 146

NOVEMBER 1986

1 GW/Tr
1555 {WKLI} 100.9 NY Albany, now lite r,
ex-old r and WWOM 144
10 GW/Tr
2300 Local WRSU-88.7 OFF (Bob Smolarek tip)
2330 W--- 88.7 PA Allentown, translator
of WKDN-106.9 mixing with WRHU 69
25 GW/Tr
2315 Local WFUV-90.7 Off
2320 WRVS 90.7 NC Elizabeth City,
ID, promo, urban 310
2325 WTCC 90.7 MA Springfield, old r 142
2331 WCLH 90.7 PA Wilkes-Barre, r,
"NEW MUSIC 91", 0000 s/off which
gives power as 125 watts h&v - it
doesn't get out even that good! 89
2339 WMRA 90.7 VA Harrisonburg, j, ID 279
27 SUPER TROPO
2000 CFNY 102.1 ON Toronto, ID 350
2019 WHCU 97.3 NY Ithaca, now soft r 168
2127 {WDMT} 107.9 OH Cleveland,
"POWER 108 FM", urban, ex-WELW
(haven't heard this one in 15 yrs.) 385
2128 WMJI 105.7 OH Cleveland, calls +
"MAGIC 105.7", r 385
2156 WKSU 89.7 OH Kent, folk mx,
full ID, mention of Kent State 365
2200 WEZF 92.9 VT Burlington, soft r,
ID, strong! 277

TO BE CONTINUED...next month...hope everyone
had a good Christmas and New Years...73, Joe

SOUTHERN · FM DX:

Danny Huntin
1312 N. Skyline
Stillwater, OK 74075

JANUARY 1987 **Happy New DXful Year!**

DEADLINE: 10th

For FM DX reporters from: AL, AR, AZ, CA, CO, DE, FL, GA, KS, KY, LA, MD, MO, MS, NC, MN, NV, OK, SC, TN, TX, UT, VA & WV.

GOOD FALL TR FINALLY BREAKS OUT!!

Well, this fall didn't slip by without some major tr happening after all. During late November two reporters managed to pull in some trop that ranged out to approx. 500 miles. Judging from one report, I could have tuned in the St. Louis area, but that event caught me napping or while at work, or else while I was spellbound by the fantastic Thanksgiving evening TV tr that came in as far away as Buffalo, NY, along with Ontario and n.e. Ohio, making it my best TV tr ever. I hope this mega-tr opening is well covered in the TV DX columns. In other reports, once again it's shown how unusually good August was for Es, while Pat Dyer concludes his May reporting(if time permits).

Turning to tuner comments, some time ago I received word from one DXer who blasted the highly complementary review of the Magnum tuner in Sensible Sound. He was very bitter over how severely the Magnum tuner he bought overloaded in the face of locals. More comments about the big city, real life performance of the new tuners are needed. Tuners that I suspect deserve close scrutiny are: Yamaha T-85(nearly all its specs are somewhat better than the Onkyo T-9090),Technics' top tuner, and the new McIntosh model.

Matt Sittel, 220 Brookfield Dr., Kingsport, TN 37663		EST
Equipt.: Sony STR-AV 340, CM 1160 Quantum antenna at 34' AGL/1453' MSL, and one DXer.		
11/2 tr	11/29 tr	
1200 Chattanooga 92.3,96.5,100.7,106.5	1052 WFMS 95.5 IN Indianapolis, ID	303
1300 WOJY 100.3 NC High Point, ID	1100 UNID 88.5 g, 90.1t, 91.9 c\$	
1302 WNAA 90.1 NC Greensboro, c	1110 WNAF 93.1 IN Indianapolis, r	303
11/8 tr	1114 WQHY 95.5 KY Prestonsburg, ID	93
Repeat of 11/2 at 1200.	1117 WEBN 102.7 OH Cincinnati, aor	222
11/16 tr	1121 WTNJ 105.9 WV Mount Hope, ads	131
2100 WVLK 92.9 KY Lexington, "K-93"	(then things get really good)	
11/24 tr	1200 KEZS 102.9 MO Cape Girardeau, ads, ID's,	
2236 WERN 102.7 OH Cincinnati, ID	EZ listening for four hours, first station	
2241 WVLK 92.9 KY Lexington, wx	with k calls ever received via tr for me!392	
2242 WSGS 101.1 KY Hazard, k	1441 KEJZ 95.5 MO Poplar Bluff, ads, "Z95"438	
2247 WLAF 94.5 KY Lexington, "FM 94 1/2"	1457 KGM0 100.7 MO Cape Girardeau, ID, r	392
2310 WXLK 92.3 VA Roanoke, "K92 FM"	1500 WTMG 96.3 TN Murfreesboro, ID,m	220
2312 WQHY 95.5 KY Prestonsburg, "95"	1505 Nashville 92.9,95.5,103.3,104.5,105.9,	
2316 WSTP 98.9 KY Paintsville, ad	107.5 at 246 mi.(WWKX and WYHY are new ones.)	
2320 WPAY 104.1 OH Portsmouth, ID	1551 WHAJ 104.5 WV Bluefield, "J-104"	91
2322 WTNJ 105.9 WV Mount Hope, ads	1810 WBYR 101.1 KY Russellville,the Beaver,243	
2324 WVCN 107.3 WV Miami,k	k	
11/29 tr	1816 KEZK 102.5 MO St. Louis, b, ID	449
1030 Chattanooga 92.3, 96.5,100.7,106.5	1821 WKKX 104.1 IL Jerseyville, k,kix 104	465
1036 WVLK 92.9 KY Lexington, ID	(had no hourly ID. Biggest tr mileage ever!	
1038 WLAF 94.5 KY Lexington, r	1925 KADI 96.3 MO St. Louis, mr, KD-96	449
1040 WCRN 101.1 SC Anderson, r	1949 KKK 106.5 IL Granite City, r	445
1041 WCTT 107.1 KY Corbin, ID	2004 WLL 92.3 MO St. Louis, k	449

Well, I now know what good tropes are. I was surprised to see St. Louis in. I didn't expect to see mileages above 300 for tropes due to my location. But it came in strong. I was also amazed at how KEZS stayed in from 1200-1600, and it was back in at 2100. Strange-ly enough, tropes were out by 2300. I thought tropes like this only came in past midnight. My first Sony broke, so I got it replaced. The guy at the department store said "You know it could be the AM radio, you know that AM radio doesn't work at night." Ha, Ha, I should have told him about the D-layer of the ionosphere. One thing I have noticed about the Sony is that it does great in pulling in those weak signals, but it holds on to the semi-locals in NC so well that tr has a difficult time making it through. 73's and great DXing. By the way, does anybody know what it means when those Mexican FM's say "Salinas y Rocha"? Is that a city, company, or some other thing?

BUMPER STICKER TRADING POST NEWS: Well, so, I have only received one set of stickers. This won't work with just one. All you gotta do is send in ten of one station in your area. (Like here, 10 of WQUT). Don't send any money yet, just the stickers, and then the money when I have enough to send out (watch here for when that is). It won't work without you. I am giving it two more months. If none show up, then it is discontinued. Got it? Now, Send them in!

Eric Bueneman, 836 Lamplight Lane, Hazelwood, MO 63042 CST

Equipt.: 91867 AM/FM/FM\$ rx w/turntable & cassette recorder built in, amplified rabbit ear.

11/28 tr

0025	KMBR	99.7	MO	Kansas City, \$b	225
0027	WMLM	89.3	IL	East Moline, \$,g	190
0029	KYYS	102.1	MO	Kansas City, \$, rp	225
0030	KBEQ	104.3	MO	Kansas City, r	225
0033	WMIX	94.1	IL	Mount Vernon, \$,ads,wx,k	
0034	KCFX	100.7	MO	Harrisonville, \$,p	220
0035	KLZR	105.9	KS	Lawrence, R,r	260
0040	WFNS	95.5	IN	Indianapolis, k	240
0046	WEIA	91.3	MO	Columbia, \$,J	110
0101	KCUR	89.3	MO	Kansas City, \$,j	225
1042	WZNN	105.3	MO	Folla, \$k,now 100kw	80
1330	KOPN	89.5	MO	Columbia, j\$	110
1353	KWEN	95.5	OK	Tulsa, \$,k	325
1354	KMOD	97.5	OK	Tulsa, \$,rp	325



11/28 tr

1355	KBEZ	92.9	OK	Tulsa, \$b,o/KGRC	325
1358	KIRK	103.7	MO	Lebanon	155
1404	KVNE	89.5	TX	Tyler, g (KGFV off)	530
2059	WIAN	90.1	IN	Indianapolis, \$,ID,j	240
2104	WINT	102.1	OH	Lima, ID, k	360
2130	WEAG	93.1	IN	Indy, \$,r,ID,wx, ex-WNAF	
2147	WRRM	98.5	OH	Cincinnati, ad,u/MTJJ	320

11/29 tr

0028	WKRR	101.9	OH	Cincinnati, Q-102, r	320
0035	WGTE	92.9	OH	Eaton, Z-93, r	320
0052	WDJX	99.7	KY	Louisville, \$,DJX, r	255
0057	WAMZ	97.5	KY	Louisville, k,u/WDWS	255
1836	WSM	95.5	TN	Nashville, \$,k	270
1922	WFLN	90.3	TN	Nashville, \$,folk mx	270
1923	WLAC	105.9	TN	Nashville, 4,r oldies	
1935	KTTY	106.9	MO	Jefferson City, \$,r	100

The best opening of the post-season so far, with Tulsa in for the very first time on Nov 29 with WSM 95.5 the only long DX station still in! KZNN "Cousin 105" is now a regular here with 100 kw, only heard here once w/28kw. Per Richard Eddie, the new "supertower" is now complete in Shrewsbury, with seven stations planning to use it. Three stations (KSHE 94.7, KEKZ 102.5 and KMJM 107.7) are already using it. W211AD Granite City, IL (WIBI 91.1, Carlinville xltr) is on the air per announcements on main station but not heard due to WLCA and could be highly directional away from KWUR 90.3 Clayton. 73.

Jim Pizzi, P. O. Box 1778, Lovington, NM 88260 (505)396-3251

8/4 Es

1847	XHSAT	90.1	TAB	Villa Hermosa, Estereo	
Wow, m,r,	in EE				
1852	X???	96.5	QR?	Cancun, Estereo Mesta	
SS soft r,	\$				
1856	X???	99.7	YUC/QR?	not Veracruz, \$,	
tinny sound w/clx, then rock					
1857	X???	99.3	YUC/QR?	same as 99.7	
1858	XHCUN	105.9	QR	Cancun, same as	
99.7,99.3					1320
1918	X???	104.5	YUC,QR?	can Estereo,L,mono	
1923	XHGS	103.7	VER	Veracruz, r	1032
1924	XHTS	102.9	VER	Veracruz, ads,	
1922	X???	107.5	QR?	Cancun, can estereo,L,m	
1929	XHNE	100.1	VER	Coatzacoalcas, r	1140
1935	XHPR	101.3	VER	Veracruz,ads, Estereo	
Hoya					
1939	XHRN	96.5	VER	Veracruz, L,SS	1032
1940	XHCP	96.5	TAB	Villahermosa,tent.L,SS	

8/5 Es

1903	CKGL	96.7	ON	Kitchener, nx, calls	1905
1908	CFPL	95.9	ON	London,FM96	1364
2002	WWEV	91.5	GA	Cuming	1103

8/6 Es

1905	KDDB	92.5	CA	Paso Robles, ID	
1095	KIWI	92.1	CA	Bakersfield	
1905	KAVS	97.7	CA	Mojave,tent. r	
1906	KHIS	96.5	CA	Bakersfield, g	
KCBX	90.1	CA	San Luis Obispo		
KKUS	98.1	CA	"		
KSly	96.1				
1912	KZQZ	93.3			
1915	KLFA	92.1	CA	King City, SS, r, L	
2212	KFMY	96.1	UT	Provo, tent. r	
2321	KOZE	96.5	ID	Lewiston, tent. m	

8/ 16 Es

1145-1200 unIDs 88.1 91.9,a few to N.east

8/17 Es

1150	KQED	88.5	CA	San Francisco	1116
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8/17 Es

1151	KALW	91.7	CA	San Francisco	1116
1154	KSJQ	96.5	CA	Manteca, Q-Tip,Q-97	1041
1155	KABL	98.1	CA	San Francisco	1116
1156	KANB	101.5	CA	Merced, g	1004
1156	KOTT	96.5	CA	S. F.	1116
1157	KIOI	101.3	CA	" "	
KEAR	106.9	CA			
KMLL	106.1	CA			
KITS	105.3	CA			

1200	KBRG	104.9	SS		
1201	KBAY	100.3	CA	San Jose	1080
1204	KZSC	88.1	CA	Santa Cruz	1089

8/18 Es

1920-1922 90.1, 91.1,98.3 unID's to s.e. Mex.

8/20 Es

1904-1908 90.1,91.5,98.3 unID's to east

8/21 Es

0928-1008 unID's 88.7-100.1 to n. east

8/22 Es

1816 unID 102.9 east/N.E. "C-103-FM

8/28 Es

1305	WCIE	91.1	FL	Lakeland, calls	1337
1306	WHOO	96.5	FL	Orlando, k 96-fm	1359
1308	WDIZ	100.3	FL	" , r	
1310	WMFE	90.7	FL	" , c	
1311	WKRA	92.3	FL	" , k	
1312	WPIO	89.3	FL	Titusville, g	1382
1314	WOCL	105.9	FL	De Land, r	1346
1315	WHLY	106.7	FL	Leesburg, r	1319
1316	WSSP	104.1	FL	Cocoa Beach, EL	1409
1318	WEZY	99.3	FL	Cocoa, tent, light r	
1320	WGGG	97.7	FL	Micanopy, r,Love 98 FM1277	
1322	WYFE	90.5	FL	Gainsville, g	1274
1323	WUFT	89.1	FL	Gainsville, g	1274
1521	WRDW	96.7	CA	Wrens, ads	1215
1523	WXTX	96.9	SC	Charleston	1359
1528	XHSH	95.3	DF	Mexico City,	960

R. Amstad D. F. ID Cont.....

8/28 Es

1530 WYFA 100.9 GA Waynesboro, g 1242
 1535 WFXA 103.1 GA Augusta, r, Foxy 1031238
 1537 WEZL 103.5 SC Charleston, traffic pt.
 1538 WEEQ 104.3 GA Augusta 1238
 1539 WZNY 105.7 GA Augusta
 1541 WQSC 100.9 SC Andrews, k, ads 1377
 1545 WKLS 96.1 GA Atlanta, 96 rock, ads 1098
 1546 WFGC 100.1 SC Lake City, calls 1350
 1546 WSCQ 100.1 SC West Columbia, calls 1284
 1548 WKAA 97.7 GA Ocilla, wx, ads, 198 1184
 1551 WKXS 94.3 SC Marion, kicks 1373
 1553 WBFN 98.1 SC Seneca, EL C nx 1600
 1555 WSSL 100.5 SC Greycourt, wx 1229
 1556 WCKN 101.1 SC Anderson 1197
 1600 WFDZ 103.1 SC Cheraw 1350
 1601 WSOC 103.7 NC Charlotte, nx 1206

8/29 Es

1335 KSLU 90.9 LA Hammond, calls 788
 1337 JQFX 96.7 MS Gulfport, ads 867
 1338 WRUF 103.7 FL Pensacola, ads 968
 1342 WJLQ 100.7 FL Pensacola, ads 968
 1344 WBLN 98.9 FL Tallahassee, calls 1233
 1355 WUFF 92.1 GA Eastman 1170
 1400 WJSE 88.1 GA Warm Springs 1080
 1810 WOOF 99.7 AL Dothan, "woof-FM" 1067
 1811 WQTK 99.1 FL Jacksonville, calls 1300
 1812 WQHL 98.1 FL Live Oak, ads 1220
 1814 WLCS 96.1 FL Jacksonville, calls 1300
 1826 WIVY 102.9 FL Jacksonville, calls
 1830 WYFB 90.5 FL Gainesville, ID 1274
 1817 WGEA 93.5 AL Geneva, ads 1042
 1858 WLGA 95.9 GA Valdosta, ads 1193
 1858 WBBN 95.9 MS Taylorsville, calls 824
 1905 XHGL 97.7 YUC Merida, ID 1200
 1913 XHMT 98.5 YUC Merida, ID
 1916 XHPR 101.3 VER Veracruz, tent. SS, r
 1948 WPAF 92.5 FL Panama City, calls 1071

8/30 ms

0831 KANU 91.5 KS Lawrence

"Listener supported KANU"

Es

0838 WHLZ 92.5 SC Manning, ads, "wheels"
 0845 WBBQ 104.3 GA Augusta, wx, calls 1238

Cancun, QR or Yuc. area. A couple of good openings to CA on 8/6 and 8/17. 8/29 Es very intense with 8/29 almost as good. 10/8 was the last Es heard here filling in needed Quad. stations. No tropo at all. It's been cool and dry here. Maybe some Es to look forward to in Dec. Happy holidays to all. That's all for now. 73's.

Pat Dyer, 5315 Silvertip Dr., San Antonio, TX 78228 CST

Equip: Realistic TM-1001 tuner into Allied 426, Archer 6-3 beam at 20' w/rotor, ASL 850'

5/13 tr

0108 RTIZ 96.9 LA Alexandria, ID 385
 0123 KYKR 93.3 TX Port Arthur, ID 280
 KTDY 99.9 LA Lafayette, ID 395
 0158 KLSU 91.1 LA Baton Rouge, ID, r 450
 0159 KQXY 94.1 TX Beaumont, ID, EL 275
 0208 KBIU 103.7 LA Lake Charles, Bayou-104
 0215 WYNK 101.5 LA Baton Rouge, ID 450
 0222 KYDS 105.1 TX Lufkin, ID 265
 0233 KWIC 107.9 TX Beaumont, ID 275

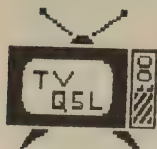
5/14 Es

1918 unID 91.5 brief 1005
 1949 KNAUT 88.7 AZ Flagstaff, c 855
 2003 KLUC 98.5 NV Las Vegas, r 1050
 5/16 Es
 0717 WENF 88.5 FL Tampa, local item 985
 0726 WKGR 98.7 FL Ft. Pierce, local ad 1115
 0728 WLVE 93.9 FL Miami Beach, area ad 1150

8/30 Es

0851 WYAY 106.7 GA Gainesville 1125
 0904 WYRG 91.1 SC Gaffney, tent. g
 10/6 tr
 0800 XHUAR 106.7 Cuidad Juarez, SS 205
 0826 unID 103.1 s. w. , SS, g
 10/8 Es
 1901 WPDS 93.3 FL Tampa, wx, ID 1305
 1906 WYFB 90.5 FL Gainesville
 1907 unID 96.1 Mexico, SS, l, upbeat mx
 WNNF 88.5 FL Tampa, r
 WUSF 89.7 FL Tampa, c
 WSFT 90.1 FL Ft. Meyers, c, tent.
 1912 WJIS 88.1 FL Brandenton, g, Joy-88 1310
 1958 XHOY 90.7 JAL Guadalajara, ID 840
 XHGED 91.5 " "
 XHBIO 92.3
 2000 XHPI 93.1 , ID
 2001 XHPS 93.3 VER Veracruz, ads 1032
 2003 XHSH 95.3 DF, L, M, \$ 960
 2005 XHPOP 99.3 DF 960
 2007 unID 101.3 Mexico, L, m, not VER, = \$, L
 2008 XHV 102.4 DF 960
 2009 XHCS 103.7 VER Veracruz, L, r 1032
 2010 XEDF 104.1 DF, \$, j 960
 XEHU 104.5 VER Martinez Torre, tent. L, m
 2011 XHBS 104.9 DF, \$, L "FM Globo Estereo"
 XHOF 105.7 DF
 XHDM 106.5 DF
 XEQR 107.3 DF
 2013 XHPB 99.7 VER Ver 1032
 2031 XEJB 96.3 JAL Guadalajara, ID, \$, c
 2032 XHRC 95.5 " "
 2034 XETIA 97.9
 2037 XEHL 102.7 , SS, \$,
 Sonido 103, ID
 2038 XEBA 97.1
 2039 XHVOZ 107.5 , SS, \$, Lr
 11/6 tr
 1100 KJAK 92.9 TX Slaton, ex 92.7
 Good to see you back again at SFM, Danny!
 A fair amount of Es this summer with the amount of time I had to listen. On 8/4 into old Mexico with strong signals, had some claiming "estereo" but were mono. I think they were in

CONTINUED NEXT MONTH.....



QSL CORNER

THOMAS J. YINGLING, JR.
221 PINEWOOD ROAD
BALTIMORE, MD 2122-2345



TV QSL's

ON CITY2 31 Woodstock, * 99
Queen St. E., Toronto, ON M5C 2M1.
Letter & card from Bruce Cowan,
VE3GBC in 2 weeks. (Ross) &
(Nieman)

CT WEDW 49 Bridgeport, * 41
Harbor Plaza Dr., P. O. Box 10210,
Stamford, CT 06904-2210. Letter
from Wayne Estabrooks, CE.
(Holbrook)

CT WTNH 8 New Haven, 8 Elm
Street, zip 06510. Letter from
Robert E. Russo, CE. (Holbrook)

DE WTGI 61 Wilmington, One
Christna Plaza, 303 "A" Street, zip
19801. Letter after 4 follow-up
reports from Brian R. Johnson,
Production Manager. He explains
about their programs of Shopping
Line is unfortunate circumstance
which is directly related to the
soft advertising environment & the
crowded Philadelphia TV market.
(Shopping Line is another shopping
program like Home Shopping Club.
ed.) Yingling

PA WETS 66 Erie, Gannon Univ.,
zip 16541. Letter from Dennis A.
Spagnola, CE in 5 days. The
transmitter is a 2.5kw Comark,
antenna is a Bogner 16 bay omni
that sits atop a 683 foot tower,
with erp of 35.81kw. They also send
a coverage-map. (Nieman)

IL WTJR 16 Quincy, Box 3112, zip
62305. Handwritten letter from Carl
Geisendorfer in 1 month. (Seybold)

AR KLRT 16 Little Rock, 11711 W.
Markham, zip 72211. Nice letter,
coverage-map, complete program
schedule & promos from Bill Van
Duynhoven, CE. Quick reply.
(Seybold)

AR KTVF 29 Fayetteville, P. O.
Box 1029, no zip given. Letter &
coverage-maps from Dave Rutledge,
CE. (Seybold)

NC WJKA 26 Wilmington, 1926
Orleans Dr., P. O. Box 2626, no zip
given. Letter & program schedule
from Bill LeClair, CE. (Seybold)

TN WETO 39 Greenville, P. O. Box

1074, zip 37744. Nice letter,
program schedule & a WETO-TV
baseball-cap with emblem send in
large box from Larry Bentley, CE.
(Seybold)

MA WVJV 66 Framingham, 111 Speen
St. no zip given. Letter, card,
program schedule, coverage-map, &
loads of other info (10-12 pages)
from Charles S. Fitch, Dir. of Eng.
(Seybold)

DC WFTV 50 Washington, * 12276
Wilkins Ave., Rockville, MD 20852.
Letter & coverage-map from Robert
E. Thurber, Dir. of Eng. after 3
follow-up reports. (Yingling)

*This months reporters: Robert Ross,
Dave Nieman, Hank Holbrook, Bob
Seybold, & me, editor. I'm getting
low again on qsl items again, so I
hope someone out there has some
good ones. To help both of my
columnssend in a good copy of your
qsl letter, or card & I could use
the tv id logo for Logo's Run
column which also is looking for
skip channels id-logos to use.
73's.*

Send in
your
qsl's &
logos
soon

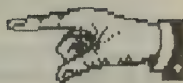


"... Mr. Gross, can I take the truck home to-
night and work the skip?"



LOGO'S RUN

THOMAS J. YINGLING, JR.
221 PINWOOD ROAD
BALTIMORE, MD 21222-2345



WCAX-TV 3
JUST FOR THE FUN OF IT.

WPVI-TV
6

4
WTVJ

5

5 WFTV

KTLA 5

MIAMI WTVJ Channel 4

WPBT 2

WBS

KTLA TV 6 UHF 33
WCIX MIAMI

2

a world of difference!

4 KNBC

FOX WTTG 5

WCVB-TV 5

TV 3
WTVR-TV NORFOLK, VA. A CBS AFFILIATE

6

WBRC-TV BIRMINGHAM

WAGA-TV 5

5

KQQ-TV 2
KQTV

WTVJ 4
South Florida
Where the Dolphins Play

WTTG 5
METROMEDIA TELEVISION

WGBH 2

3
WRBL
COLUMBUS

5

KMOS-TV

WCHT 6
NEWS & INFORMATION
CHICAGO

5
WCSC-TV

3
WSAV-TV
RICHMOND

5
KSDK
ST. LOUIS

WCBF-TV 4
columbus, mississippi

WRC-TV 4

WTVR TV 6
Park Broadcasting

WSMV Nashville 4

3 WFSB
4 WIVB-TV
2 WSB-TV

KTV 4

5
WLWT
Cincinnati

2

TURN TO **5** FOR A CHANGE
WHEW-TV
METROMEDIA

KYW-TV 3

your friend **4** **WYFF-TV**

WGYB-TV 5
The News Station

4
kitv

4 **KITBY**
ANCHORAGE

4 **KNBC**
LOS ANGELES

4
KTVY

OKLAHOMA CITY

4

WSMV
NASHVILLE

5

KAMR-TV 4

KCRA-TV 3

Sacramento-Stockton

KRIS-TV
CORPUS CHRISTI

6 CHANNEL

WBZ-TV 4

5 **KXAS-TV**

wgcb.tv

red lion • lancaster-york

49

abc
tv 15

upde tv

40

WKFT TELEVISION

5
KFSM

35

WSEE-TV
ERIE

let the
4
shine in!

WUHQ-TV

38

WCFC-TV

W^{ERE}FAT-TV 19

WPCQ-TV 36

WTVF 47 PBS

WKCH 43 TV

Watch Chattanooga's

TV 41
WDSI

TU 13 R
KOKI-TV

30
WCAY-TV
New Movie Station!

WEKO 13
TELEVISION

WTVK 26

WEHT

12
WDEF-TV

wciu.tv 26

NEWS 4 BUFFALO

WIVB-TV

WATE — Knoxville TV 6

WKRN

Take 6
WISN Owned Cities

WCIX 16
MIAMI-FT. LAUDERDALE

4
WIVB-TV

4
KITV

WPBT 2
The Early Years
Your Stereo Station!

WKTR TV 3

KPIX 5
SAN FRANCISCO

KTVU 2

Starting with this issue of Logo's Run I will be trying to get together at lease half a page a month of skip channel id-logos to help id your skip dx. In order to do this I will have to have more input from the members from all over. And on to the skip logos.

WCAX-3 Burlington, VT / WPVI-6 Philadelphia, PA / WTVJ-4 Miami, FL / KTLA-5 Los Angeles, CA / WFTV-5 West Palm Beach, FL / WPBT-2 Miami, FL / WCIX-6 Miami, FL / KNBC-4 Los Angeles, CA / WTTG-5 Wash, DC / WCVB-5 Boston, MA / WTVR-3 Norfolk, VA now WTKR-TV / WBRC-6 Birmingham, AL / WAGA-5 Atlanta, GA / WTVF-5 Nashville, TN / KQTV-2 St. Joseph, MO / WGBH-2 Boston, MA / WRBL-3 Columbus, GA / WMOG-6 Warrensburg, MO / WQOW-6 Omaha, NE / WGBI-4 Columbus, MS / WQSC-5 Charleston, SC / WSAV-5 Savannah, GA / KSDK-5 St. Louis, MO / WRC-4 Wash, DC / WSMV-4 Nashville, TN / KITV-4 Honolulu, HI / WLWT-5 Cincinnati, OH / WTVR-6 Richmond, VA / WFSB-3 Hartford, CT / WIVB-4 Buffalo, NY / WSB-2 Atlanta, GA / WKRN-2 Nashville, TN / WNEW-5 New York, NY now WNYW-TV / KYW-3 Philadelphia, PA / WYFF-4 Greenville, SC / WCYB-5 Bristol, VA / KTTY-4 Anchorage, AK / KNBC-4 Los Angeles, CA / KTVY-4 Oklahoma City, OK / WSMV-4 Nashville, TN / KAMR-4 Amarillo, TX / KCRA-3 Sacramento, CA / KRIS-6 Corpus Christi, TX / WBZ-4 Boston, MA & last one KKAS-5 Ft. Worth, TX <-page 2> more skip channels mixed with other channels WSCB-49 Red Lion, PA / WPDE-15 Florence, SC / WKFT-40 Fayetteville, NC / WSEE-36 Erie, PA / WFAT-19 Johnstown, PA / KFSM-5 Ft. Smith, AR / WUHQ-41 Battle Creek, MI / WCFC-38 Chicago, IL / WPCQ-36 Charlotte, NC / WTVF-47 Peoria, IL / WMOG-43 Knoxville, TN / WDSI-61 Chattanooga, TN / KOKI-13 Honolulu, HI / WCAY-30 Nashville, TN / WTVK-26 Knoxville, TN / WEHT-25 Evansville, IN / WDEF-12 Chattanooga, TN / WBKO-13 Bowling Green, KY / WCIU-28 Chicago, IL / WIVB-4 Buffalo, NY / WATE-6 Knoxville, TN / WKRN-2 Nashville, TN / WOC-6 Davenport, IA / WCIX-6 Miami, FL / WPBT-2 Miami, FL / WTKR-3 Norfolk, VA / KITV-4 Honolulu, HI / KTVU-2 Oakland, CA / KPIX-5 San Francisco, CA.

Thanks to new Logo's Run reporters: Randy Milner
OR 73% for now & keep on sending those logos!

TELEVISION NEWS

Bill Fahber, editor
336 Atlantic Street
Bridgeton, NJ, 08302

FORUM

John F. Zeis (Exton PA) writes additional comments on ch. 65 in Harrisburg PA. "While the Sunday Harrisburg Patriot lists ch 65 as a WTVB 51 translator in the channel summary box, the actual program listings show ch 65 as primarily a WPHL ch 17 Phila. translator with some LPTV programs. Local originations seem to occur in the late afternoon and early evening and include high school football... and movies. The listings show ch 53 as a full time WTAF ch 29 Phila translator. Ch 70 is shown in the channel summary box as the WPHL translator, but does not appear in the program listings." John reported that the ch. 65 translator may have been repeating WKBS, ch. 48 in Philadelphia when that station was on the air. "WYOU, ch 22, Scranton has moved its transmitter to Penobscot Nob, Wilkes-Barre. Reception here in Exton has changed from occasional DX to a constant watchable signal equal to WBRE." "WTVB, ch 51, Reading has made two changes. First, about 1 October, STV service changed from SelectTV to PRISM. Then, on Monday 27 October, STV service was suddenly terminated. A notice was scrolled at the bottom of the screen that evening indicating subscribers would receive a letter of explanation. The change was so abrupt local papers continued STV listings for at least a week after the change. Programming now consists only of Home Shopping Club (HSN2) except for 1 to 3 hours of morning religious and talk shows."

It seems as if television stations are jumping overnight from their former format to these shopping programs. WTGI, the new station on ch. 61 in Wilmington DE, suddenly went to Shopping Line on November 24 or 25. The TV Guide for that week still had the old program listings. I imagine they wanted to beat out WSJT, ch. 65 in Vineland (to be bought by HSN) as the first home marketing station to cover the Philadelphia area. The Shopping Line has been receiving calls from other areas of the country. One caller from Alabama reported that Shopping Line began broadcasting in her area about the same time it hit WTGI. The outfit periodically displays a viewer's membership number on the screen, and if the viewer calls in three minutes he/she wins hundreds of dollars worth of discount merchandise. Just the thing needed to get those poor impulsive buyers watching their unending push for sales for hours at a time.

While I'm talking about this local area, let me also add that as of the first week of December WGMG-40 in Wildwood NJ is still operating at reduced power. WOLF-38 in Scranton PA seems to be coming in about as good as the other Scranton-Wilkes Barre stations. Can anybody else confirm improved reception of that station?

One correction, while I'm at it, on the first page of last month's column. "5734/15734 is close to, and slightly higher than, a simple fraction of 1/4." That should be 20000-15734/15734, or 4266/15734, which is 0.271.

Last month John Adams asked about Canadian and American stations shifting broadcasting stations up to the higher cable channels instead of the channels they broadcast on. The 11/29/86 TV Guide (United States) had a note in the News Update section. "From now through early 1987, subscribers in many cable systems can expect to see a dizzying array of channel-number changes, as operators move to take advantage of a Federal Communications Commission rule freeing them from carrying local VHF broadcast stations...on the same slot on the cable dial. Many cable operators are moving cable services to more-watched lower numbers and bumping some independent and public TV stations to higher spots." "The planned moves have infuriated TV-stations, but cable executives assert consumers will be better served by a lineup featuring their favorite cable services in more accessible locales." I fail to see how the lower channels can be considered more accessible than the higher channels. The real truth is that the cable operators realize that the services they offer are so tasteless as to appeal to people who find it often difficult to count past ten. You want television to be more challenging? Clip that cable, install a DX system, and join the WTFDA. The only difference between a community television system and a sanitary sewer is the direction the sludge flows.

David D. Marshall (Great Falls MT) sent in an article from the 11/8/86 Great Falls Tribune: "Since KTGF, Great Falls' third television station, signed on for the first time Sept. 21, some of the city's automatic garage doors have been reluctant to do their owners' bidding." "A spokesman for the Federal Communications Commission in Washington, D.C., said that before KTGF was allowed to start transmitting, it had to pass a 'proof of performance test.' The frequencies used by garage door openers and UHF TV stations are so different that a station so far off frequency that it would interfere with a door opener wouldn't be picked up by a home TV set, she said. Thomas Beam, a spokesman for KTGF, says the station's signal has been checked and re-checked and is transmitting a clean signal on the right frequency with the right amount of power. 'I guess the problem isn't that we're into their frequency,' Beam said. 'They're into ours.'" Bridgeton has a similar problem: Vacuum cleaners stop working when Philadelphia stations broadcast soap operas.

Ronald Purdue (Byron MN) writes, "On November 10, 1986 at 12 Noon, Television Station WLAX-25 in LaCrosse, WI went on the Air the First Time. WLAX Programming includes Cartoons, Movies, Old Network shows include 'Star Trek', 'Gunsmoke', 'Buck Rogers', etc., and Milwaukee Bucks Basketball Games." "WLAX

comes in a little snowey here, I do get WXOW-19 and WHLA-31 in LaCrosse a lot better (Snow Free) than WLAX. By determining with My Antenna position, It looks like WLAX is about 10 mi. N. of LaCrosse, Am I correct?" The only coordinates I have for it date back to its original application in 1980. If unchanged, that would put the transmitter about six miles south of La Crosse, in Minnesota, between Hokah and Brownsville in Houston County. Better yet, I just found a construction permit modification listed in the data to follow later on in this column: the new coordinates put the tower about 2 miles NNW of Hokah, SW of La Crescent and still in Minnesota. "In other TV news, KXLT-47 in Rochester MN is still not on yet (They were to sign on around Sept. 1, 1986 but I smell something Squirrelly). In My opinion, I think the owner of KXLT, N. Walter Goins, Doesn't really want to put a TV station in Rochester very badly! If the FCC were to award Sterling Communications (remember?) a CP to Construct a Station in Rochester on Channel 47, They would be on the Air Right now!!!"

Bruce Elving (Esko MN) reported that Tim Hendel of Miami FL was able to receive the 78.67 kHz SAP service on WCIX-6, using a modified FM radio for 67 kHz SCA. The audio of the SAP signal was clearer than SCA on FM stations. "I suggested to him that a further reason that the audio on the SAP-TV receiver was clearer than comparable SCA-FM audio was that I believe TV stations modulate their audio less intensively than FM stations do; the reason for this being not to have the audio transmitter interfere with the station's video transmitter." From the Nov-Dec 1986 Broadcast Technology, a Canadian magazine, "The CBC has applied for six rebroadcasters of CBLT Toronto in southwestern Ontario. They'll replace CPPL-TV London and CKNX-TV Wingham, which plan to disaffiliate from the CBC network in order to offer an independent service." Proposed transmitters are listed: Blenheim/2 kw/ch. 16; Kitchener/15.5 kw/ch. 56; London/1000 kw/ch. 69; Sarnia/10 kw/ch. 17; Simcoe/26 kw/ch. 67; and Wingham/828 kw/ch. 45. "The CBC also plans a rebroadcaster of CBOT Ottawa at Deep River, ON, 3 kw on Channel 3." Bruce also forwarded a copy of the 11/15/86 Expositor, sent to him from Albert Ellis. The CTV television network was up for review by the CRTC for its license renewal. Television networks in Canada are required to be licensed. Global Communications Ltd. is another Canadian television network up for license renewal in 1986. Global, an Ontario network, will be required to produce a minimum of 200 hours of new programs annually during the next five years of the license.

M.E. McIntosh writes, "Our KVRA Ch 52 which started with such a splash a while back as a new All-Spanish Language station has changed so that Dr. Gene Scott I've seen repeatedly in the early morning hours (in English). Also, during the daytime they have many hours of auction/home shopping high pressure selling in English, though there is a small on-screen caption indicating they take

phone calls in Spanish also. Guess they had to go where the money is." "We've had a new station start testing last week with full length color bars: Reception here has been quite snowy so I'm not positive of the call letters. As yet I don't know if the bad reception is their low power, their antenna location, or my antenna direction (not rotatable as yet)." The station Mc refers to is KDDE, an educational station on ch. 68 in Los Angeles. The station is planned for 2198 kw max/1870 kw hor, with 2884' HAAT. Its tower is right there with all the other Los Angeles transmitters, so they're probably testing at reduced power. The station was testing sometime late in October, and not seen again as of Nov. 14.

Mc sent in several articles from various issues of the Los Angeles Times, a few of which give a picture of television in other countries. From the 10/9/86 Times, "Turkey inaugurated a second television station channel this week that will initially serve the country's three largest cities. Officials of the state-run Turkish Radio and Television Corporation, which controls both channels, said the channel that went on the air Monday will broadcast programs with emphasis on cultural events. They said it will also broadcast, for the first time, an English-language nightly news bulletin. The second channel's programs are being developed by Istanbul television studios and have an initial target audience of 12 million people in Turkey's three largest cities: Istanbul, Ankara and Izmir. Television broadcasting began in Turkey in 1968."

Let me add one comment on this and the next few articles. Except for Canada and the United States, the term "Channel" or "Canal" seems to refer to a network rather than an actual number setting on the television set. Even Great Britain refers to their networks as channels. Even though these articles and other articles in the past were in American papers, foreign (not Canadian) networks were usually referred to as Channels or Canals.

American WTTFA members may be surprised to find out that Canadian networks have to be licensed, but both American and Canadian members may be surprised at this next article from the 11/12/86 Times. It seems that in Great Britain you need a license to own a television set. "Britain has a dual television system consisting of the commercial ITV and non-commercial British Broadcasting Corp. The BBC's two TV and four radio channels are financed almost entirely by an annual \$85 license fee on homes with color TV sets (\$27 for black-and-white) established by the government and collected by the Post Office for the Home Office. The controversial fee - a flat tax that hits the poor hardest - can be paid in a lump sum or in installments. Many prefer not paying at all. The BBC is running in the red, estimating that 1.6 million TV homes are delinquent and costing it \$129 million in license revenue. So, several times a year, the Post Office steps up its collections nationally, sweeping neighborhoods in white vans with lists of alleged dodgers and monitoring equipment that can pick up TV

signals."

The 9/1/86 Times looks back to 1963 when Charles deGaulle was President of France. "France had only one national television channel then, and it was owned and run by the government." "It has taken more than 20 years...for the government to shed its monopoly over television, and only now, after passage of new legislation in August, is its dominance threatened by private television." "Even Premier Jacques Chirac, the conservative politician who has done the most to weaken the government's hold on television, could not resist denouncing public television journalists a few months ago for what he described as distortion of the news." "In what may or may not have been a coincidence, Chirac then decided that the TF1 Channel, whose news reports offended him the most, would be the government channel sold to private business." "The new law, while authorizing the sale of one of the three government television channels, also cancels the contracts of the owners of two existing private channels and offers them for sale as well. To complicate matters more, Socialists are challenging the law before the French Constitutional Council, which acts as a kind of Supreme Court on constitutional issues." "Mitterand finally broke the government monopoly at the end of last year - just a few months before his Socialist Party lost control of the National Assembly to Chirac and other conservatives - by awarding contracts to private companies to create two new channels, one for rock music, the other for regular programming. But angry critics denounced the contracts as rewards to old leftist friends. Channel 5, the private channel for regular programming, aroused the most controversy. Its owners were...close to Mitterand and the Socialist Party." "Although gaining somewhat in popularity in recent months, Channel 5 has never been able to weaken the hold of the three government channels on the French public. In fact, Channel 5, with its incessant variety shows and movies chopped up by commercials, probably succeeded only in making many French suspicious of private television. The commercial interruption of movies upset French audiences grown used to seeing movies intact on public television. A recent poll showed that an overwhelming majority was hostile to commercial interruptions." "Yet, despite polls showing that most French do not want one of the government channels sold, Chirac plans to go ahead with the sale." "If the government channel is sold, the French television system will consist of two government channels, three private channels and a pay-television channel that is usually classified as semi-public since it is controlled by a huge advertising and publicity agency that is itself controlled by the government. The Chirac government is going ahead with its plans...to provide cable access to half the homes in France by the year 2000...and to launch a satellite that could telecast five channels throughout Europe. If success-

ful, these programs would probably change the face of French television far more than the recent break in the government monopoly and the impending sale of TF1. No matter what the distant future holds for French television, there is one certainty - more commercials in the near future. With government channels limited to no more than 24 minutes of advertising a day, France, the fourth industrial power in the west, ranks only 15th in the percentage of its advertising revenue devoted to television. That is sure to change. The private channels will need the commercials to survive, and the government channels, which depend mostly on television license fees collected by the government, will probably need more commercials to compete."

Now to television in the Soviet Union, with the 11/12/86 Times. "In a small, stuffy office at the Rand Corp., to the whir of a made-to-order computerized satellite tracker, Sovietologists like (Clayton) Griffin, a UCLA Ph.D. candidate, are getting their MTV - Moscow television, a six-hour daily dose of the 'blue screen,' as Muscovites call it, just as cosily as if they were sitting in a living room in Vladivostok." "Compared to the slick technogloss of American Television, Soviet TV is barely lumbering into the Bronze Age, with its nonexistent special effects and crude on-camera techniques, from clumsy cardboard graphics to a nervous coal mine director awkwardly holding his own enormous microphone during an interview." "On a given day, the Soviet broadcast begins at 6 a.m. on Program Two, the one that Rand is able to receive, which broadcasts from the Ural Mountains to the Pacific Ocean. The center pulls in the satellite signal from four Molniya (lightning) satellites, switching from one to the next as the Soviets change over. The Soviet handoffs between satellites are not always smooth. During the gaps, a card flashed onto the screen: 'Comrades, a 10-minute technical break.' There are four Soviet channels, all broadcast from Moscow and all carrying the same basic programs." "Without competition, there is none of the commercial one-upmanship that makes for innovation, good or bad. There are a couple of quiz shows - one called 'What? Where? When?' - whose rewards are intellectual satisfaction, not a host of fabulous prizes with lanky blondes draped over them. During a standard broadcast week, Griffin said, there are films - dubbed 'the million ruble movie' by Columbia University students, where the same satellite setup exists, as it does at Stanford University as well. And there are cinema products from Cuba, Eastern Europe or China, and at least once, it is said, a Beatles movie, shown on Easter Eve - the most sacred day of the Russian Orthodox year - ostensibly to keep young people home, and out of the churches, experts believe." "Besides the interminable speeches of the Supreme Soviet, there are televised lessons in geometry, grammar and computers, and a weekly chess show...that holds out the lure of a mail-to-you diploma to viewers who complete their 10-week TV course." "The point is didactic," Griffin said. "Soviet television

is not designed to entertain anyone. It's designed to inform and educate; this is what you need to know and this is how you need to live your life." "But now the West is slowly forcing Moscow's hand...and 'things are changing.' Internal matters are one thing - Soviet citizens know the daily life they live - but television sets in Leningrad can pick up Finnish signals. East Germany, anxious to lure workers to jobs in Dresden, had to put up apartment-building TV antennas that will pull in West German programs."

Now south of the border to Mexico with the 11/7/86 Los Angeles Times. "The thousands of satellite antenna dish owners in Mexico are discovering they have no legal means of descrambling channels. The U.S. government and motion picture companies stand in the way. 'In Mexico, we're fried,' said Rodrigo Hernandez, whose company manufactures and sells satellite antennas. 'We don't have any rights.' U.S. law prohibits the sale of the MA/Com VideoCipher II descrambler outside the United States because its coding system uses technology that is controlled by the U.S. military and isn't exportable, according to Larry Nelson, MA/Com executive vice president. The VideoCipher II decoder has been chosen by most satellite channels that have signals that are or will be scrambled." "To make matters worse for Mexican satellite antenna owners, American movie companies also are keeping a tight rein on their product. 'Programmers such as HBO, Cinemax and Showtime pay for the rights to the movies they show, but they have the rights to those signals to rebroadcast them only to the continental United States,' said Jerry Fischette vice president of operations for SPACE, the Satellite Television Industry Assn. based in Alexandria, Va."

Two more articles discuss American television, but touch on the international scene. The 10/18/86 Times discusses coverage of the El Salvador earthquake by southern California broadcasters. "Instead of relying on the television network reports or news wires, several stations flew their own reporters to the scene within hours of the disaster." "But the role broadcasters played in the disaster didn't end with news coverage." KVEA (ch. 52 in Corona CA - wbf) became something of a video telegram, letting survivors speak directly to their relatives in Los Angeles. The Salgado family not only heard the good news; they saw it over KVEA. "We believe that, for the first time in the history of either Spanish- or English-language TV, a television station has broadcast written and ...recorded messages to the families here," said KVEA vice president Frank Cruz. "Spanish International Network (SIN), which airs locally over KMEX-TV, Channel 34, estimates that 12% of its Los Angeles audience is Salvadoran. As a result, KMEX news director Pete Moraga has been piecing together several news specials to complement the live updates and the six regular public-service announcements, asking for viewer contributions to relief agencies...." "In addition to news coverage and message delivery, broadcasters are taking

on a third rold of fund raising. Besides the donations KMEX has taken in, KVEA and virtually every other Spanish-language radio station in Los Angeles is soliciting contributions for quake victims."

From the 10/29/86 Times, which apparently doesn't know the difference between Los Angeles and San Bernardino, "In less than a month, Los Angeles' first multilingual television broadcaster has gone from proclaiming the creation of a new Spanish-language broadcast network to dropping all its Spanish-language programming. Friday will mark the last Spanish broadcast for KSCI (Channel 18). The cancellation reflects the station's desire to cut its in-house production costs, which had increased with the creation of original Spanish-language programming, according to Michael Draznin, KSCI media relations director. The station will now concentrate on serving the 14 other ethnic and linguistic groups and leave Spanish programming to its competitors, KMEX-TV and KVEA-TV." "KSCI, which currently broadcasts in 15 languages, including Spanish, will plug in several English-language shows as a short-term replacement for the canceled Spanish programming but will remain committed to its multilingual philosophy, Draznin said. Most of KSCI's programming time is rented to groups that pay their own production costs." "But cancellation of KSCI's Spanish-language programming automatically kills this month's planned start-up of the Hispanic Broadcast Network (HBN), a small-scale program network.... Earlier this month, station officials reported that 18 stations had agreed to become HBN affiliates."

According to the 10/9/86 Times, "The controversial sale of KMEX-TV in Los Angeles and nine other Spanish-language outlets to Hallmark Cards Corp.'s and First Capital Corp. of Chicago cleared another hurdle this week when a Los Angeles federal judge reaffirmed her decision to select their \$301-million bid. In August, a Latino-owned TVL Corp., an unsuccessful bidder for the Spanish International Communications Corp. (SICC) stations, filed a motion in federal court in Los Angeles in an attempt to halt the sale of the stations to the Hallmark group. TVL claimed that Hallmark and the selection committee 'compromised' the fairness of the bidding contest." "But the Kansas City, Mo. - based firm still faces formal protests filed with the FCC by a variety of Latino organizations and unsuccessful bidders, including TVL."

In two other articles, John Blair & Co. is selling KBSY (ch. 6, San Luis Obispo CA), KBSW (ch. 8, Salinas) and KOKH (ch. 25, Oklahoma City OK) to Gillett Holdings; and a deal by Storer Communications to sell six television stations to Lorimar-Telepictures fell through.

John M. Jefferson (Pleasanton CA) writes, "KPST-66 Vallejo actually began broadcasting yesterday, 11/25. They have Home Shopping Network as reported. Their signal is even worse than testing indicated: goods, phone numbers, people - - - it matters not what they show; it's all an abstract design here."

Also on is KLVX-65 San Jose. They are barely seen here, offering a slightly better signal than K57AV Santa Cruz, which is cosited." What? And they're eight channels apart? "A call revealed that they are operating at low power until they finish their main transmitter. They're a full-time religious outlet & signed on 11/11. KTEH-54's K65AW Gilroy has been moved to ch. 52 as a result of KLVX's arrival. Don't know when it happened, but saw it very weakly here 11/3. Another new arrival seen testing 11/3 and on the air the next day is KNXT-49 Visalia. Thought it was a misprint when you listed them as 2150 watts, figuring it would be 2150 kw, but judging from their terribly weak signal they must be that weak. Too bad: they're on Blue Ridge with KNPH-26, which would be my best from the San Joaquin Valley except for being cochannel with KTSF." What misprint are you talking about? I reported 2150 kw ERP in the 6/86 VUD under Construction Permit Modifications Granted. All those numbers are in kilowatts. If KNXT is weak, maybe, like some stations do, it's starting out at reduced power. Let me know if its signal strength increases. "Not yet logged here, but on with full power since mid-October (think they said 10/10, but not positive) is KREN-27 Reno, NV. They are a SIN affiliate. Still no sign of KNMS-67 Salinas, so they're still at low power."

A few articles from John Combs (Jacksonville FL) describe the morning mess in that city. The CBS Morning News is described as a comedy of errors that has been turned into a circus and a soap opera. Local affiliate WJXT-4 has been contemplating replacing it with a locally-produced morning program. NBC affiliate WJKS-17 broadcasts First Coast Sunrise, which is doing very poorly in the ratings. Dominating the scene is Good Morning Jacksonville on WTLV-12. Two weeks after it began live traffic reports from helicopter, the copter crashed while transmitting live, killing two crewpersons. In a postcard that was badly mutilated by the post office, John writes, "Re: your discussion of 'automatic' IDs in the October VUD. I once had the fanciful idea of simply having each TV station's ID encoded in the vertical blanking interval. This way, the signals could be legally IDed, station breaks and IDs would no longer be required (many stns consider them a nuisance anyway) and DXers could use a simple little device that would decode this info and display the call letters of a given signal. The only drawback to this would be that it would take all the FUN out of DXing! If you could positively ID every unknown signal within 5 or 10 seconds, where would the challenge be? Sure, our station lists and counts would grow considerably, but I think we would all quickly get bored and start collecting bottle caps or something!"

Roy Barstow sent in a list of CBC affiliates, which will be helpful in the upcoming TV Station Guide. He also reported WTWS-26 in New London CT testing with color bars and no ID from 9/4 to 9/12, testing with ID superimposed for the first time on 9/13.

Tom Yingling (Dundalk MD) reported seeing new television station WUNP, an educational station on ch. 36 in Roanoke Rapids NC during a DX opening on 11/28/86. He also mentioned seeing an unidentified ch. 48 west of Philadelphia while visiting Steve West.

David Sinclair (Vancouver BC) sent a few clippings, reporting that CKVU, ch. 10 in Vancouver, BC, an independent station, celebrated its tenth anniversary. The station went on the air 9/5/1976.

The 9/16/86 Globe & Mail carried a few comments from Bernard Ostry, chairman and chief officer of TVOntario, about a growing tendency in Canada (which is also the basis for most of the FCC's policy these days). "In Canada there was a time when it seemed perfectly natural...that broadcasting should be carried on for the public good, for the national interest, at public expense, and by institutions free of political interference yet answerable to Parliament. We believed that communications, being essential to the survival of our country and culture, should be a matter of public concern. How did it come about that that faith collapsed, to be replaced by the belief that if we leave everything to the give-and-take of the marketplace we can achieve the same goals?" "Today the free-market ideology is mounting a heavy attack on public broadcasting and other public activities..."

The 8/9/86 Financial Post reported on pay-TV in Canada, giving insight into its history and present problems. "Its most ardent promoters saw pay-television as a showcase for Canadian films, a bonanza for cable companies, and a new custodian of culture. Its prospects seemed as unlimited as the appetite for entertainment. Flush with forecasts and figures, the apostles of the video revolution heralded the arrival of commercial-free television. Twenty-eight groups vied for a license. In March, 1982, the Canadian Radio-Television & Telecommunications Commission approved six new channels. But the future was not what it appeared to be. Months after pay-TV went on the air, rentals of video cassettes soared, while pay-TV subscriptions lagged. Losses mounted. Old channels folded and new ones appeared. Today there are three principal pay-TV operators in Canada, and even their survival is in doubt. The optimism has faded like a soft summer mist. When the (CRTC) holds license-renewal hearings this autumn on pay-TV its larger purpose will be to review the value of the service. The commission will find an industry shaken by almost five years of debt, failed expectation, and fitful growth." "Under the current rules, pay-TV must spend 45% of its subscriber revenue, and 60% of its program budget, on Canadian material. Half its programming must be Canadian. First Choice and Superchannel would like to drop Canadian content to 15% and readjust spending on Canadian programming to 50.1% of 'adjusted gross subscriber income,' which would calculate spending on revenue after deducting operating expenses other than for programming. Their threat to the commission: Change the rules or we sign off." "The three channels have

727,000 subscribers, less than half what they expected. Although the audience is now growing, Canadians have been reluctant to pay \$15.95 a month for pay-TV, plus \$11 for cable, for a service of questionable value." "The growth of home satellite dishes and the surging popularity of home video rentals explain the sluggish growth of pay-TV. About 37% of Canadian homes now have video cassette recorders. Video rentals generated \$400 million in 1985. Pay-TV reaches 16% of cabled homes and yielded \$52 million last year. A second reason pay-TV has not caught on, argue pay operators, is there are not enough good Canadian films. Pay-TV has to repeat grade-B films to meet its content quotas. In frustration, subscribers have turned to video machines. But challenging this view are a clutch of broadcasters and filmmakers who think pay-TV operators are using the CRTC to recover losses caused by their own ineptitude. They say changing the rules will make pay-TV a vehicle for American programming, the reason the service was kept out of Canada long after it went on air in the U.S." "Pay-TV went on the air in February, 1983, with six channels: First Choice, a national general channel; Superchannel in Ontario and Alberta; Star Channel in the Maritimes; Premier Choix and TVBC in Quebec; and C-Channel, a national arts channel. Within months, C-Channel and Star Channel went under and the two French-language channels merged." "When it became clear that pay-TV could not withstand competition, the CRTC created a monopoly at the Ontario-Manitoba border. Superchannel won the right to Western Canada; First Choice won Eastern Canada."

From the 10/13/86 Playback, "First Choice president Fred Klinkhammer says he's convinced his recent pitch to the CRTC regarding broadcasters' reluctance to coproduce with pay-TV and pay-TV's inability to tap into the Broadcast Fund will produce results." "Intervening at Global's license renewal hearing in Toronto, he told the CRTC that Canadian producers' ability to make money on their films is in jeopardy because broadcasters 'have abused their power by either excluding pay-TV altogether (in coproductions) or reducing the pay-TV window to a meaningless length.'" "First Choice wants the CRTC to impose a condition of license that would bind Global and other broadcasters to give producers access 'through prior exhibition' to all available markets including theatrical, home video and pay-TV. CRTC commissioner Jim Robson says it is unlikely that such a condition would be imposed. Global contends that once shown on pay-TV, a production is perceived as simply another rerun - reducing audiences and revenues, while First Choice argues that its first-run films hit just 2% to 10% of the Global audience."

From the 11/14/86 Province: "The CRTC yesterday rejected an appeal by the cable industry to introduce pay-per-view TV, saying it is not convinced it will help build a strong Canadian broadcast system. Earlier this month, the cable industry said it was ready to launch the system and that consumers should

not be denied access. The Canadian Cable TV Association said it is 'very frustrated' by the decision."

From the 10/13/86 Playback: "The CTV Network says there is not yet the consumer demand to support a satellite-delivered, direct-to-home (DTH) TV service. In a recent submission to the CRTC, the network says a DTH system shouldn't be introduced at the expense of Canadian choices already available to most viewers. It wants the CRTC to regulate and supervise satellite broadcasting and to ensure that DTH services, if licensed, make the same contributions as other broadcasters. CTV also wants the same rules for current broadcasting licensees to apply to DTHs including those on Canadian content obligations. CTV is also concerned that a national, advertising-supported DTH service would siphon ad revenues from private broadcasters - revenues which the network says are already in decline."

Still on the CTV network with the 11/19/86 Globe and Mail. "The CTV network boosted its commitment to producing Canadian dramatic programs yesterday, moments after being blasted by the chief federal broadcasting regulator for failing to do so. As the hearing into CTV's license renewal was about to take a mid-afternoon break, Andre Bureau, chairman of the Canadian Radio-television and Telecommunications Commission, interrupted the proceedings to say he was frustrated by CTV's failure to promise 'one more minute' of dramatic programming beyond what it currently broadcasts." "In addition to a 30-minute increase in Canadian drama introduced earlier this year, he promised that the network will add another 30 minutes both next year and the year after that. Over the course of three years, CTV will have doubled its prime-time drama roster to three hours a week...."

An unnamed article gives further detail (I think from Playback): "Ray Peters, chairman of the executive committee of the CTV Network and director and chairman of BCTV, Vancouver, told a recent Financial Post Conference on Broadcasting in Toronto that 'dramatic changes' are ahead for CTV. Peters said the network has been restructured to make a greater contribution to Canadian production." "CTV appears before the CRTC in Hull, Que., Nov. 17 for its first license renewal hearing since 1977. In spite of predictions of costs outstripping revenues and a soft advertising market, the CTV is promising to: *Increase Canadian drama in primetime... by 30 minutes per week (to two hours) starting in the 1985-1986 season (? - wbf) and extending over the life of the license renewal term. *Continue to reflect Quebec cultural life through Quebec-produced, primetime series for national distribution. * Program 26 hours and 50 minutes per week of regularly scheduled Canadian programming during the 1986-1987 and 20 Canadian feature-length movies within the same year. * Meet and exceed the Canadian content requirements in both regulated time periods on a biannual basis. * Continue to be an active participant in Telefilm Canada and in coproductions with the

pay-TV industry."

It was mentioned last month that the CTV network is actually owned by 16 affiliates. This next article, from the 11/18/86 Globe and Mail, is related to that fact as well as the necessity of CTV to produce a certain amount of Canadian programming. "CTV television has already addressed some of the problems that critics say deprive the network of the money to produce quality Canadian programs...." "J.R. Peters, chairman of the network's executive committee, said a controversial revenue-sharing agreement between the network and its affiliates has never been properly understood." "Despite his defence of a system under which the lion's share of revenues flow to the affiliates while CTV accumulates large debts, Mr. Peters announced changes to the much-attacked arrangement. Rather than automatically getting 75 percent of network revenues in exchange for access to their transmitters, the 16 affiliates that own CTV now will share whatever profit is left at the end of the year...." "A dearth of Canadian dramatic production has been the major criticism aimed at CTV in the weeks leading up to the hearing. CTV revealed that it broadcast 66.5 hours of original Canadian drama programs last year and said the total will rise to 88 hours this year, thanks largely to the influence of funds from Telefilm Canada. (Last week the CRTC told Global TV that it must broadcast 200 hours a year of dramas, children's programs, musicals and documentaries.)"

We've heard a lot already about requirements for Canadian content in programming, and minimum requirements of new drama production. But what about those American stations that reach across the border? Here is a Canadian view of that from the 11/3/86 Globe and Mail: "The newest outlaws in the regulated world of Canadian broadcasting hang out in the unlikely frontier outpost of Pembina, N.D., 100 kilometres south of Winnipeg. Just spitting distance inside the U.S. border, the remote town provides refuge for a new type of television station: KNRR-TV. The station is designed to beam its signal into southern Manitoba while maintaining its base camp safely beyond the reach of Canadian regulators. Canadian broadcasters are up in arms over KNRR. They view the station as a transparent attempt to escape the obligations - such as Canadian content quotas - demanded of television stations operating in Canada. 'If Winnipeg wasn't (sic) north of the border, KNRR wouldn't exist,' said David Bond, president of the Canadian Association of Broadcasters. 'It was set up strictly to cream off revenues from Canada.' According to Canadian broadcasters, more than 90 percent of KNRR's potential audience of 700,000 consists of Canadians. NRR stands for 'National Rape and Ripoff,' Mr. Bond said. (Actually, the call letters stand for 'Northern Red River.') The Canadian Radio-Television and Telecommunications Commission isn't happy either about broadcasters poaching on Canadian territory and evading its regulatory

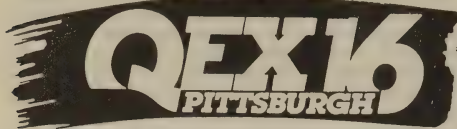
authority. It recently told two Manitoba cable companies that they are not allowed to carry KNRR-TV - the first known instance of the commission banning a nearby U.S. station from cable." "Worse yet, the CRTC is aware of plans by other renegades to set up shop in similar safe havens along the U.S. border.... The plans cited by CRTC officials belong to the owners of KORG-TV in Anacortes, Wash., 50 kilometres south of the British Columbia - Washington border. The station was licensed (sic) by the U.S. Federal Communications Commission last year, but its backers have had trouble raising money and have been unable to get it on the air. Having looked at the planned wattage and transmission configuration, B.C. broadcasters have no doubt, however, that the station would be aimed at the province's lower mainland. The conclusion is borne out by a year-old private placement prospectus for KORG, which pulls no punches about the primary market being Vancouver and Victoria. If the station ever gets going, its U.S. owners will open an advertising sales office in Vancouver and concentrate their efforts there." "The KORG prospectus pretty well describes the KNRR operation as well." "The station has no news service and its schedule is crowded by a stable (sic) of reruns like Hogan's Heroes, I Love Lucy and Star Trek." "And the station has an advertising sales office in Winnipeg." This month's trivia question: What nationality is William Shatner? Clue: He is not a citizen of the United States.

From the 9/86 Dial, put out by KCTS, ch. 9 in Seattle: For two years, KCTS/9 has been planning major improvements to the station's transmitter system. The transmitter, tower and antenna are located on Seattle's Capitol Hill, and provide the Channel 9 broadcast signal which you view. Recently, the Federal Communications Commission authorized KCTS/9 to transmit at full power. This will enhance viewers' ability to receive Channel 9 in outlying areas."

Finally, a word from Dave Sinclair himself in a letter dated 11/24/86: "Last week I telephoned KONG-TV, based in Everett, Washington. I was advised that they expect to sign on air on Channel 16 at the end of November or early December." I still have to go through a large amount of CRTC releases sent by Dave last month.

Marty Barvinchak (Gelnshaw PA) sends news from the Pittsburgh area. He reports seeing WWPV-TV, ch. 8 in Johnstown PA testing around 10/10 or 11, and beginning programming on 10/13 at 5:58 p.m. The station shares a dual ID with WWPV-TV, ch. 23 in Altoona. "Ch 8 broadcasts about a 20-hour schedule from 6 am to around 2 am with slightly better than average independent UHF fare." "They also carry Pittsburgh Penguin Hockey games (along with WPGH-53 Pittsburgh). I would be interested to know if you show a power increase for WWPV-23. It would be tough here with a local-22, but they are high in the mountains and, if they've raised their power, I could stand a chance to DX 23 someday." The station is licensed for 21.1 kw, and has a CP for 182

kw, not much of an increase. "Channel 16, WQEX, began broadcasting with its new higher power (?) color transmitter. Although still a sister station of channel 13-WQED, their concept is unique. The TL remains the same - shared tower with WQED-13."



Quite Extraordinary Television

Some enclosed articles from Pittsburgh magazine, September, 1986, describe the unique concept. "A new and perhaps startling presence will join the Western Pennsylvania broadcast scene on October 16. The all new, and some may say all revolutionary, WQEX/Channel 16 will become the full-fledged sister station of Channel 13. Channel 16 will burst upon the scene in full color and full power. Under the capable leadership of its Station Manager, Ken Tiven, WQEX will take to the air waves as a full-service entity with its own clear-cut identity. Its programming will be a mix of new ideas characterized by a fresh approach to organizing the material. We call it 'Vertical' or 'Theme Programming': each night of the week will have its own theme, which will carry over to subsequent weeks. For example, Monday evening's programs will showcase our many-faceted world, including travel, as well as foreign and ethnic interests. Thursday evening's programs will be geared to young adults, a group which is rarely served by public television. There will be nostalgia, music, documentaries, and much more, all organized within our 'vertical' format. Periodically, a special program may alter the theme of a certain night. Early daytime programming will focus on education, instruction, and Job Help information, as well as other issues. Additionally, the daytime schedule will begin children's programs in the early evening at about the time that WQED's children's programs stop. WQEX will introduce new children's programming, also." "Every night will be hosted by a video DJ, or 'VJ,' to enhance viewer involvement and give personality to that night" Lastly, Marty adds, "I am wondering if you have seen any further info on the once proposed LPTV-ch. 61 here?" No. I haven't been researching LPTVs or translators lately.

That's about it for the mail this month. With issues like this you can probably see why I changed the name of the column from "FCC TV NEWS." A large amount of it often covers Canada and other nations.

One final subject: While I have predicted that home marketing businesses like Crazy Eddie, Home Shopping Network, Shopping Line and Telephone Auction will diminish soon after the holidays and all but die out in the next year or two, they still seem to be gaining strength. What exactly is happening?

The CRAZY EDDIE

World Of Home Entertainment Shopping Network

CRAZY EDDIE GUARANTEES YOU!

- Generous Revenue Sharing! • A Proven Track Record! • Customer Satisfaction!
- The Best Brand Name Merchandise! • The Absolute Lowest Prices Anywhere!
- The Nations #1 TV Spokesperson! • Crazy Eddie's Own Fulfillment Center!
- In-House State-Of-The-Art Production Facility!

CRAZY EDDIE GUARANTEES HIS CUSTOMERS!

- The Absolute Lowest Prices Anywhere! • Limited Warranties • A Customer Satisfaction!
- The Largest Selection Of Brand Name Merchandise Anywhere! • All With USA Warranties!
- Live Operators To Receive Your Calls • Toll Free 800 Customer Service Line!
- Fast And Efficient Order Processing • 30 Day Price Protection Policy!
- Games, Prizes, Free Gifts And Fun!

Where are all these home marketing companies coming from? Why is it happening so suddenly? Why now?

Up until a few years ago, UHF television finally reached maturity, overcoming the handicaps that had plagued it for decades. Suddenly they were profitable. More applications poured in: applications for new stations, and applications to assign channels where none existed. More and more stations made it on the air, both in isolated cities out west and in large cities, already crowded with television stations. The old syndicated programs rode the nostalgia waves. The newer satellite-fed syndicated programs needed stations to air them, and UHF was there. More first-run programming was made available to UHF.

But then something else arose, that was to change UHF television, even our own lifestyles. The videocassette recorder became accessible to the public. They could now watch their favorite network program when they wanted, and fast-forward the commercials at the same time. They could rent movies before they ever reached television, and without any commercials, for as little as a dollar. UHF television overcame all its other difficulties, only to meet a foe it can't handle.

People aren't watching UHF as much as they used to a few years ago. That means the ratings go down. That means the stations can't charge advertisers what it used to. And that means the stations can no longer afford good syndicated programs. And that means fewer people watch the stations, and go out to buy videocassette recorders.

When they can no longer afford programming, what do the stations do? So far everything they tried is something cable television has

been doing all along, but not with cable's success. Several UHF stations went the way of scrambling their signals and charging the public to see recent movies only months after they were at the theatres. That didn't work. A few stations tried video music, following the format of MTV. That failed. Now they're turning to home marketing, which has already been on cable for some time.

Home shopping is not wise shopping. It's 100% impulse buying. Instead of going to the department store with the intent on buying certain items, people are now sitting in front of their sets watching an endless sales pitch for items they don't need, hadn't planned on buying, for sale at less than half the retail price.

It won't be long before the popularity of home marketing dies down. Many of the marketers will lose out to the competition. Others will simply reduce the hours spent weekly. One marketer will be left holding fourteen UHF television stations with nothing to broadcast, and no advertisers paying for their commercials to be aired.

And when home marketing fails, some UHF stations will struggle for their last gasp of breath and die. And nobody will notice.

APPLICATIONS FOR NEW TELEVISION STATIONS

CH ERP HAAT STATE/CITY/APPLICANT

31 5000 497 TX Victoria; Victoria Broadcast'g
21 3000 1046 GA Brunswick; James L. Wiggins
& Joseph H. Roberts

63 5000 850 GA Monroe; Thaddeus Bishop

22 550 481 IA Waterloo; Hawkeye Ltd. Partnership

45 5000 1503 LA Shreveport; Word of Life Ministries Inc.

23 1500 1109 NC Morganton; Thomas Edmund Shuford Long

50 5000 400 KY Ashland; Calvin Ross

50 5000 400 KY Ashland; Harry J. Turner

57 5000 365 KY Madisonville; Wm. Sanders

57 5000 365 KY Madisonville; H.J. Turner

21 5000 166 LA Minden; John Jones Jr.

51 5000 1164 MS Jackson; Turner Broadcasting & Communications Systems

36 5000 570 SD Sioux Falls; John H. Echols

36 5000 570 SD Darryl Madlock

60 5000 213 TN Livingston; Harry J. Turner

21 5000 606 TX Beaumont; Johnnie Woodbury

29 1000 577 WV Charleston; Melvin Jones

59 n.c. n.c. FL Jacksonville; Jacksonville Broadcasters (amended from Palmetto Broadcasters Associated for Communities)

CONSTRUCTION PERMITS GRANTED

60 5000 1482 PA Bethlehem; Sonshine Family TV Inc.

57 400 693 GA Atlanta; ACORN TV In Action for Communities

62 3000 1009 FL Venice; Venice Broadcasting Corporation (Review Bd.)

42 5000 765 AR Little Rock; Leininger-Geddes Partnership (ex-Dale Leininger) (Initial dec'n)

60 5000 1035 TX San Antonio; Nueva Vista Productions

APPLICATIONS DISMISSED

VI Christiansted; ch. 15; Cabarrus TV Corp.

AR Little Rock; ch. 42; Capitol Communications Corporation.

CO Denver; ch. 50; Spanish International Communications Corporation.

GA Atlanta; ch. 57; Community Television Inc.

NJ Newton; ch. 63; East Coast Television.

PA Bethlehem; ch. 60; Bethlehem Broadcasting; William J. Kimble; Lehigh Valley Broadcasting & Communications.

TX Austin; ch. 54; ~~CAPITAL AREA BROADCASTING~~ Capital Area Broadcasting.

TX San Antonio; ch. 60; Amisted Communications of the Southwest; Pro 60 Communications; San Antonio Broadcasting Inc.; San Antonio Video Corporation; TV 60 Partnership; Vela Broadcasting Company (initial decision).

VA Danville; ch. 24; Houghton Television.

CONSTRUCTION PERMITS CANCELLED

IA Waterloo; KTCG, ch. 22

WI Janesville; WJAN, ch. 57

PR Cidra; WCNT, ch. 46

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

35 5000 1371 IL La Salle; WWTO-TV

24 102 680 KY Bowling Green; WKYU-TV (from ch. 59)

18 1079 1054 FL Cocoa; WRES

62 20 496 MA Lawrence; WMEP

46 6.6 272 MA Norwell; WRTT

39 115 730 IN Fort Wayne; WFWA

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

25 501 995 WI La Crosse; WLAX (now on air)

47 107 341 MN Rochester; KKLT (Don't give up hope yet, Ronald!)

50 1000 1268 NY Watertown; WTYF

29 450 1301 PA State College; WXIX

64 1000 467 PR Naranjito; WDCN

64 3134 1701 CA Barstow; KWT

66 3470 1495 CA Vallejo; KPST-TV (now on air)

46 5000 1948 NC Belmont; WJHU

APPLICATIONS TO CHANGE EXISTING FACILITIES

14 1280 1521 TX Amarillo; KCIT (amended) (CP)

58 5000 1793 CA Stockton; KSCH-TV (CP)

36 5000 1476 FL Cape Coral; WFTX (CP)

25 2140 975 OH Cleveland; WVIZ-TV (CP)

7 316 1261 TX Austin; KTBC-TV (CP)

15 88.3 1296 NH Hanover; WHEN-TV (CP; temporarily off the air)

CONSOLIDATED HEARINGS

NC Jacksonville; ch. 35; Jacksonville Broadcasting Company; James Capers Jr.

WV Bluefield; ch. 40; Interface Productions Inc.; Paul Lambert Ltd.; Living Faith Ministries Inc.; Blue Sky Broadcasting Inc.

FL Bunnell; ch. 58; Meredith Corporation; Pollack Broadcasting Company; Glenda McLeod; Bunnell Broadcasting Corporation; Press Broadcasting Company; Bunnell Communications Inc.; Bunnell Television Company.

MN Duluth; ch. 21; Robin C. Brandt; Greater Duluth Broadcasting; Ann Wilson.

NV Paradise; ch. 39; Pollack Broadcasting Company; Nevada 39 Inc.; Wynn Communications Inc.; Puamehana Ltd; Nevada Broadcasting Group; Goldhill Broadcasting Inc.

NEW STATIONS ON THE AIR

- MT Great Falls; KTGF, ch. 16z; new data from recent construction permit modification supercedes data reported in 11/86 VUD: 2030 kw max ERP; 1046' AAT/769' AG/4619' ASL; TL same as previously reported; NBC affiliate.
- NM Roswell; KPRV, ch. 27-, went on the air 9/9/86; 871 kw max ERP; 377' AAT/458' AG/4093' ASL; TL 0.5 mile west of 1900 N. Sycamore St., Roswell; coordinates 33°24' 58"/104°33'59"; address: Prime Time Christian Broadcasting, 2110 S. Main St., Roswell NM 88201.
- NY Utica; WTUV, ch. 33z, is now on the air as of 9/1/86; 42.5 kw max ERP; 647' AAT/175' AG/1551' ASL; TL on Prospect Hill, Skyline Drive; coordinates 43°02'14"/75°26'40"; address: Mohawk Valley Broadcasting Inc., Prospect Hill, Skyline Drive, Utica NY 13504.
- FL Lakeland; WTMV, ch. 32z, is now on the air. 5000 kw max ERP; 890' AAT/862' AG/1017' ASL; TL 0.4 mile SSW of Peebledale; coordinates 27°50'15"/81°56'53"; independent station; address: Lakeland Public Interest Telecasters, 4332 S. Florida Avenue, Lakeland FL 33803.
- KY Louisville; WBNA, ch. 21-, is now on the air; 2000 kw max ERP; application for construction permit modification calls for 696' AAT/437' AG/1262' ASL; TL on Prayer Mountain, Shepherdsville KY; coordinates 38°01'59"/85°45'16" (about 25 miles SSE of the other Louisville television stations.); address: Word Broadcasting Network Inc., 3701 Fern Valley Road, Drawer 21, Louisville KY 40219. Independent.
- NV Reno; KREN-TV, ch. 27+, went on the air 10/27/86; 1000 kw max ERP; 2925' AAT/107' AG/9754' ASL; TL on Slide Mountain, 15 miles SSW of Reno; coordinates 39°18'47"/119°52'59"; address: Sainte Ltd., 4600 Kitzky Lane, Bldg. G, Suite 177, Reno NV 89510. Independent station.
- TX Garland; KIAB-TV, ch. 23z, went on the air 9/25/86; 5000 kw max ERP; 1142' AAT/603' AG/1215' ASL; TL at 3710 Marquis Drive in Garland; coordinates 32°54'04"/96°41'14"; address: I AM Broadcasting Co., 3720 Marquis Drive, Garland TX 75042. Independent station.
- PA Johnstown; WWCP-TV, ch. 8-, went on the air 10/13/86; 166 kw max ERP; 1208' AAT/270' AG/3175' ASL; TL approx. 6 miles SE of Ligonier PA; coordinates 40°10'53"/79°09'06"; address: Evergreen Broadcasting Corporation, 1450 Scalp Avenue, Johnstown PA 15904; independent station.
- IL Charleston; WEIU-TV, ch. 51+, is reported to be on the air; 48.5 kw max ERP; 234' AAT/213' AG/907' ASL; TL between 7th and 9th Streets, near Cleveland Avenue, Charleston; coordinates 39°28'43"/88°10'21"; educational station; address: Eastern Illinois University, Radio & Television Center, Charleston IL 61920.
- WI La Crosse; WLAX, ch. 25z, went on the air 11/10/86, as reported by Ronald Purdue; 501 kw max ERP; 995' AAT/657' AG/1872' ASL; TL at Tschumper Road intersection with Hwy 25, La Crescent; coordinates 43° 48'15.7"/91°22'18"; independent station. Address not available.
- CA Vallejo; KPST-TV, ch. 66z; 3470 kw max ERP; 1495' AAT/780' AG/1594' ASL; TL on Sutro Tower, San Francisco; coordinates 37°45'20"/122°27'05"; reported on the air 11/25/86 by John Jefferson; broadcasts Home Shopping Network.
- NC Roanoke Rapids; WUNP-TV, ch. 36- reported by Tom Yingling during a DX opening on 11/28/86; actually signed on 10/16/86; sketchy information, but an amended construction permit called for 1340 kw ERP and 1204' AAT; coordinates 36°17'28"/77°50'10"; TL 1.5 mile NE of the intersection of NC-561 and NC-48 in Brinkleyville; address: University of North Carolina, Swain Hill, Chapel Hill NC 27514; Educational station, PBS affiliate.
- MO St. Joseph; KTAJ, ch. 16-, went on the air 10/7/1986; 5000 kw max ERP; 507' AAT/463' AG/1448' ASL; TL 1.5 miles SW of the intersection of Hwy 31 and Route E near Gower; coordinates 39°39'03"/94°40'11"; address: All American TV, Route 1, Agency MO 64401; independent station.
- MA Norwell; WRYT, ch. 46+, scheduled to go on the air 12/6/86, according to Larry Weil, who sent in a newspaper clipping; No final word yet on whether or not it succeeded. Supposed to be affiliated with a new multilingual international network, but will also carry home marketing programs (800 club). 5000 kw max ERP; 440' AAT/295' AG/515' ASL; TL on 342 Mount Blue St., Mount Blue; coordinates 42°11.4"/70°49'40"; station will be operating temporarily at reduced power in order to meet a deadline set by the FCC to be on the air by late December.
- CA San Jose; KLXV-TV, ch. 65z, went on the air with programming on 11/16/86, but seen as early as 11/11 by John Jefferson; 3090 kw max ERP; 2651' AAT/187' AG/3929' ASL; TL on Loma Prieta antenna farm, 15 miles south of San Jose; coordinates 37°06'41"/121°50'30"; address: Donald B. Thompson, Box 5252, San Jose CA 95150; independent station.
- CA Los Angeles; KDDE, ch. 68-, seen testing on late October, 1986 by W.R. McIntosh; 2198 lw, ax/1870 kw hor ERP; 2884' AAT/160' AG/5850' ASL; TL Audio Road, Mount Wilson, near Los Angeles; coordinates 34°13'36"/118°03'59"; educational station; owned by Black Television Workshop; no address available at this time.
- VA Roanoke; WFTT, ch. 27+, signed on 11/11/1986; 1242 kw ERP; 2049' AAT/219' AG/3988' ASL; coordinates 37°11'46"/80°09'16"; independent station; address: Family Froup Ltd., 2618 Colonial Avenue, Roanoke VA 24015.
- CA Salinas; KSMS-TV, ch. 67- (reported in 11/86 VUD); address: Schuyler Broadcasting Corporation, 46 Garden Court, Monterey CA 93940. Signed on 9/1/86.

PA Pittsburgh; WQEX-TV, ch. 16, back on the air; see notes from Marty Barvinchak; returned to the air 10/13/86.
 KY Lexington; WLKT-TV, ch. 62; scheduled to go on the air in the spring, 1987.

CALL LETTER APPLICATIONS: NEW STATIONS

CH C.L. STATE/CITY/APPLICANT
 62 KSLD CA Riverside; Sunland Communications Company.
 40 WBUY MS Holly Springs; Terry Jan King.
 67 WRJM-TV AL Troy; Shelley Broadcasting Co.

CALL LETTER APPLICATIONS: STATIONS ON THE AIR

46 KHSC CA Ontario; KHS-TV (Home Shopping Club; I guess they missed out on the chance to get WBUY.)
 3 KREA-TV CO Glenwood Springs; KCWS.
 25 WFXT MA Boston; WXNE (Just bought by Fox from CBN).

CALL LETTER GRANTS: NEW STATIONS

14 KGBS UT Salt Lake City; KAHT.
 11 KUAK MN International Falls; Marina D. Leathers.
 32 KPCS CO Pueblo; tvUSA/Pueblo Ltd.
 42 KYBJ TX McAllen; Hispanic Tele-Media Network Inc.
 56 WYIN IN Gary; WDAI.
 14 KWHE HI Honolulu; KDSC-TV.
 38 WTTA FL St. Petersburg; Bay Television.

CALL LETTER GRANTS: STATIONS ON THE AIR

6 KWQC-TV IA Davenport; WOC-TV
 14 KGWC-TV WY Casper; KCMY-TV
 55 KGWN-TV WY Cheyenne; KYCU-TV
 5 KGWL-TV WY Lander; KOWY
 13 KGWR-TV WY Rock Springs; KWWY

CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS

TX Mineola: add 63+ (not 64, as reported in 9/86 VUD.)
 GA Young Harris: delete *50+ (to make way for assignment of *51- reported in 9/86 VUD).
 GA Flintstone: delete *51- (channel being moved to Young Harris).
 IN Gary: change *50z to 50z; change 56+ to *56+ (Approval given for channel swap between WCAC (ch. 50) and WDAI, now WYIN (ch. 56))
 AL Ozark: add 34z
 FL Key West: delete 3+ and 16+; add 8z (outstanding construction permit for ch. 16 will need to be modified).
 FL Marathon: delete *9+; add *16+ (construction permit is being amended to specify ch. 16 instead of 9).
 FL Islamorada; delete *18z; add *9+ (construction permit is being amended to specify ch. 9 instead of 18.)
 FL Panama City: with regard to changes reported in 9/86 VUD: WFSG is supposed to modify its construction permit to change from ch. 22 to ch. 56).
 NE Grand Island; change offset from 17- to 17z. (CP for KTVG to change accordingly; change needed to avoid harmful interference between KTVG and KTTW, ch. 17- in Sioux Falls, SD).

AL Ozark: add 34z

FL Key West: delete 3+ and 16+; add 8z (outstanding construction permit for ch. 16 will need to be modified).

FL Marathon: delete *9+; add *16+ (construction permit is being amended to specify ch. 16 instead of 9).

FL Islamorada; delete *18z; add *9+ (construction permit is being amended to specify ch. 9 instead of 18.)

FL Panama City: with regard to changes reported in 9/86 VUD: WFSG is supposed to modify its construction permit to change from ch. 22 to ch. 56).

NE Grand Island; change offset from 17- to 17z. (CP for KTVG to change accordingly; change needed to avoid harmful interference between KTVG and KTTW, ch. 17- in Sioux Falls, SD).

CHANGES GRANTED IN STATIONS ON THE AIR

Due to problems with disk drive alignment I can't really do justice to this heading. These changes will have to wait until 2/86.

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SYNDICATORS UPSET AT HOME SHOPPING NETWORK

Several syndicators are upset about some of the television stations that have been, or will be, broadcasting Home Shopping Club. These stations already have contracts to air certain syndicated programs. They contend that when Home Shopping Network (actually its subsidiary, Silver King) purchases a station, it is purchasing only the station's assets, and are obligated to adhere to contracts already signed by these stations. By dropping those programs, the stations wouldn't have to pay for syndicated programs that could have been bought by another station. Syndicators stand to lose millions of dollars from the purchase of WKJJ-TV in Baltimore and WCIQ-TV in Cleveland.

Embassy Communications petitioned the FCC to deny the sale of WKJJ-TV to Home Shopping Network, objecting that use of a broadcast channel is inappropriate use of broadcast resources, and that the public interest is not served by a licensee using the channel solely to sell merchandise.

Let's tell the truth, now. Syndicators are not interested in the public. They're interested in the public's money. And one less station bidding outrageous prices for a program means the syndicators don't rake in as many bucks. Stop pretending to be interested in the public's welfare.

That's about it for this month. A few letters still remaining from Bob Seaman, Dave Sinclair and others. Thanks to Larry Fuss for another updated data base list of television stations. These lists will be helpful for the TV STATION GUIDE to be completed in a few months. Walter Patton also sent me corrections and additions to my Canadian list. I still need a decent list of Latin American and Caribbean stations. Lots of mail and heavy contributions have made this column thick lately, but the club benefits from all this information.



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